
Chapter 1 DIACloud Platform

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1.1 DIACloud Web Portal

This chapter introduces the operation methods of DIACloud Web Portal. DIACloud is an IoT cloud platform used for industrial automation monitoring and management. Users can access industrial site conditions at anytime and anywhere through the DIACloud Web Portal or mobile App, including collecting production data and monitoring machine and equipment status in real time.

1.2 Function Description

1.2.1 Environment Configuration

It is recommended to use the following browser to log in to the DIACloud web page

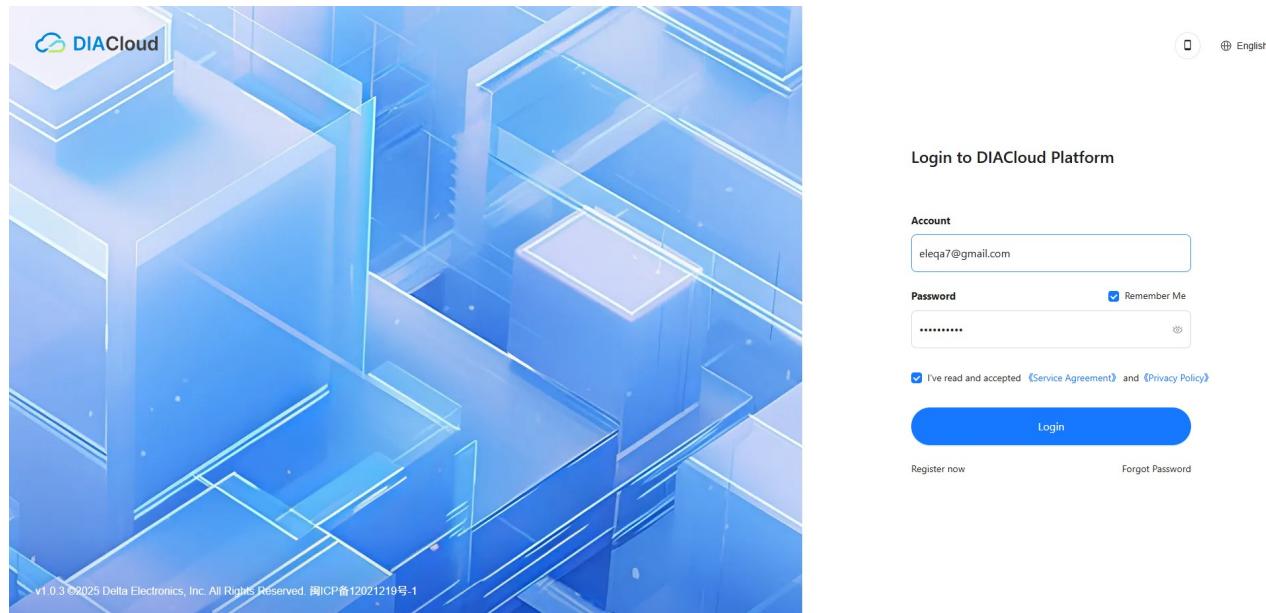
Browser	Version
Chrome	109 or above

1.2.2 Account Settings

You first need to register a DIACloud account at <https://hms.diacloudsolutions.com/> before using the DIACloud platform.

- **Login**

Enter the correct account and password on the login page and click Login to log in to the DIACloud cloud platform.



Notification



Click the icon  on the upper right corner to switch the display language.

Support Simplified Chinese, English and Traditional Chinese.

● Register

Click **Register Now** button on the login page to jump to the registration page. You can choose to register by mobile phone or email. Register with Mobile phone is only for China area.

Login to DIACloud Platform

Account

Please input Mobile/Email

Password

Remember Me

Please input Password



I've read and accepted [«Service Agreement»](#) and [«Privacy Policy»](#)

Login

Register now



Forgot Password

Fill in the registration information and click **Submit** .

Register with Mobile Register with Email

* Email:

* Password:

* Confirm Password:

User Name:

Team Name:

* Data Center:

I've read and accepted [«Service Agreement»](#) and [«Privacy Policy»](#)

Submit

• Forget Password

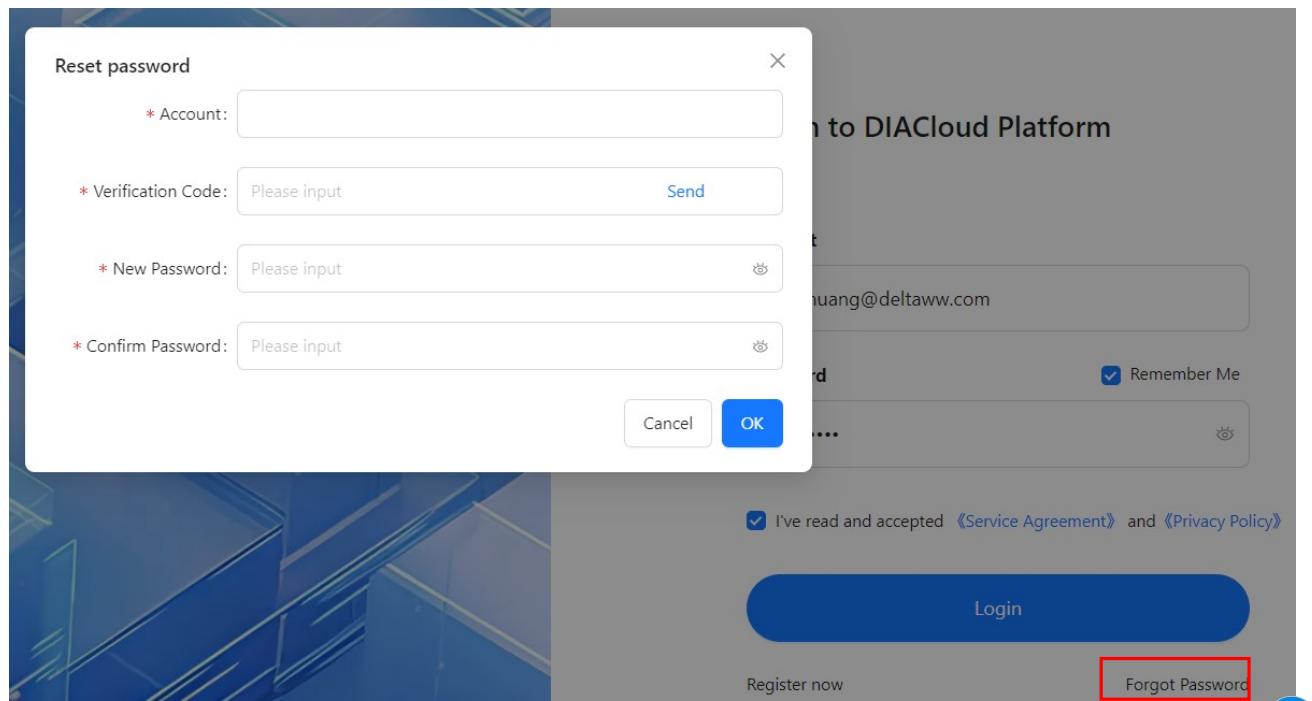
1

Notification

1. The password should be 8-16 characters long and contain at least two or more of digits, letters or symbols.

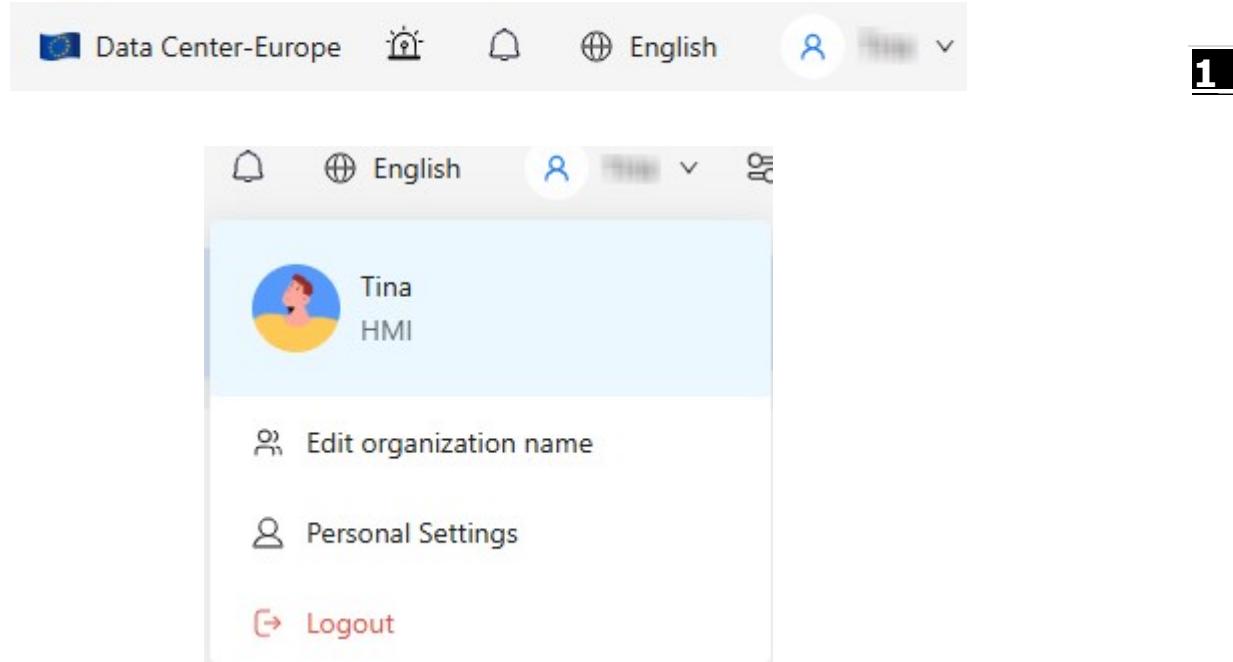
2. If you use email to register, please go to your email to activate the account after submitting the registration.

Login to the webpage <https://hms.diacloudsolutions.com/> and click **Forgot Password**.



• Account Information

1. Support to view current account data center.
2. Support to view if there is any device failure under the current account.
3. Support to view if there are billing messages and system announcements under the current account.
4. Support to view account name, team name.
5. Support to edit team name for main account.
6. Support to logout from the account.
7. Support to change the platform language (Simplified Chinese, Traditional Chinese and English).



1.2.3 Data Dashboard

The data dashboard mainly displays the devices that the user has selected. Click the device to view device information, , Alarm, TAG and traffic usage, remotely access the HMI screen and monitor the device status through the dashboard.

1.2.3.1 Device Overview

The device has completed binding the DIACloud account in eDIACloud and successfully connected to the Internet. This page shows all current information about the device.

The screenshot shows the DIACloud Platform Data Dashboard. On the left, there is a sidebar with "Data Dashboard" and "My Favorites" sections. The "My Favorites" section lists three devices: "Prj_07_35" (marked with a yellow star), "Prj_10_04" (marked with a yellow star), and "tunnel_test" (marked with a yellow star). The main content area is titled "Device Overview" and includes sections for "Billing Details", "TAG", "Traffic", "Serial Number", "Basic Information", and "Dashboard Screen Update".

Billing Details

- TAG**: Left/Unit : 26, Total/Unit : 110
- Traffic**: Left/GB : 35.98, Total/GB : 35.99

Serial Number

HMI SN: 3S07S3E26W24090035, HMI Gateway SN: LKH01-YW094-Vjb1-cgymj-yNahL

Basic Information

Device Name:	Prj_07_35	Device SN:	
Device Model:		Device Group:	G7
Template:	Project_Device_07	Multiple Devices:	ProjectCase_001
Device Address:		Traffics consumed on this month :	4.38MB
Remarks:	id:35		

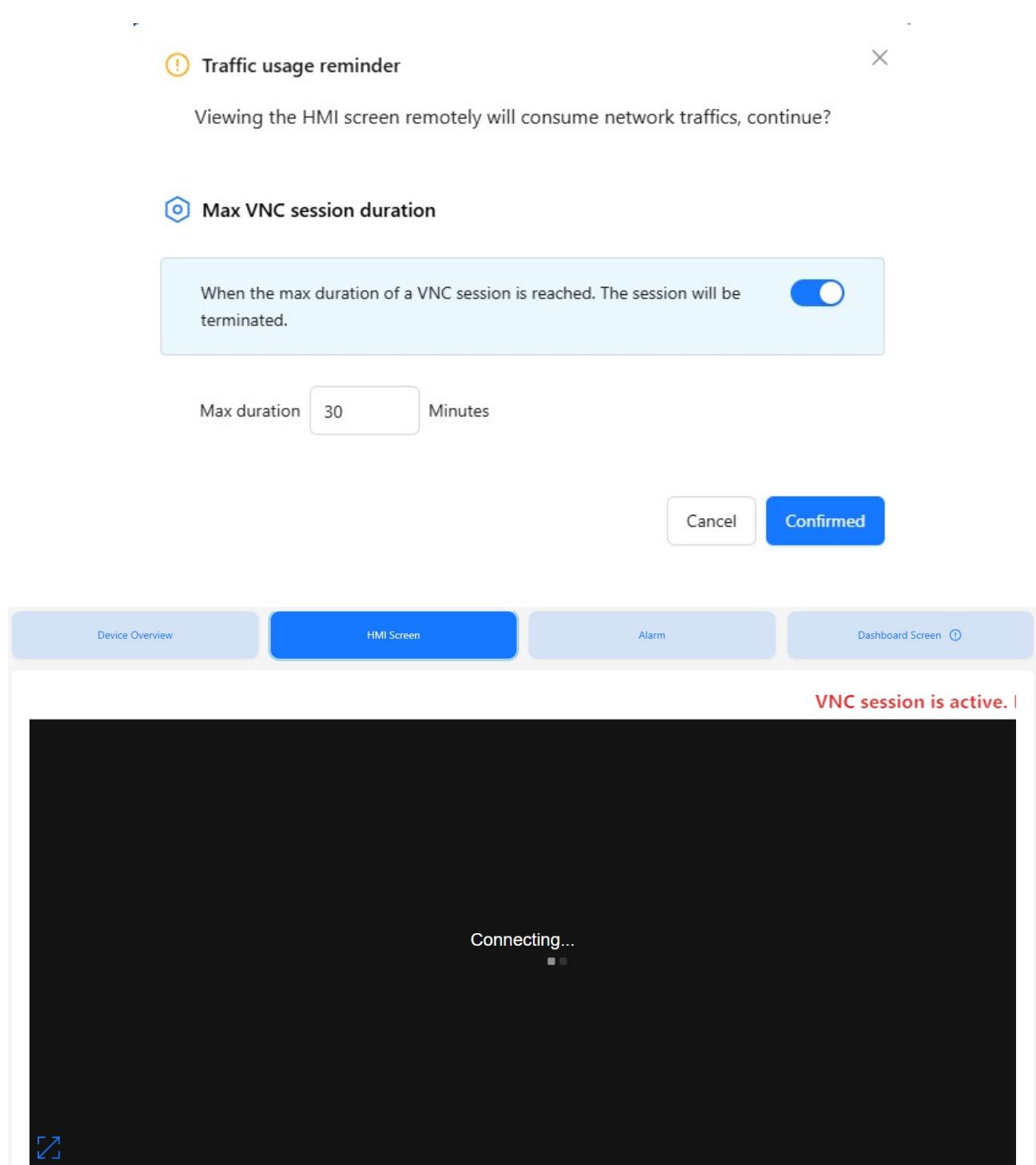
Dashboard Screen Update

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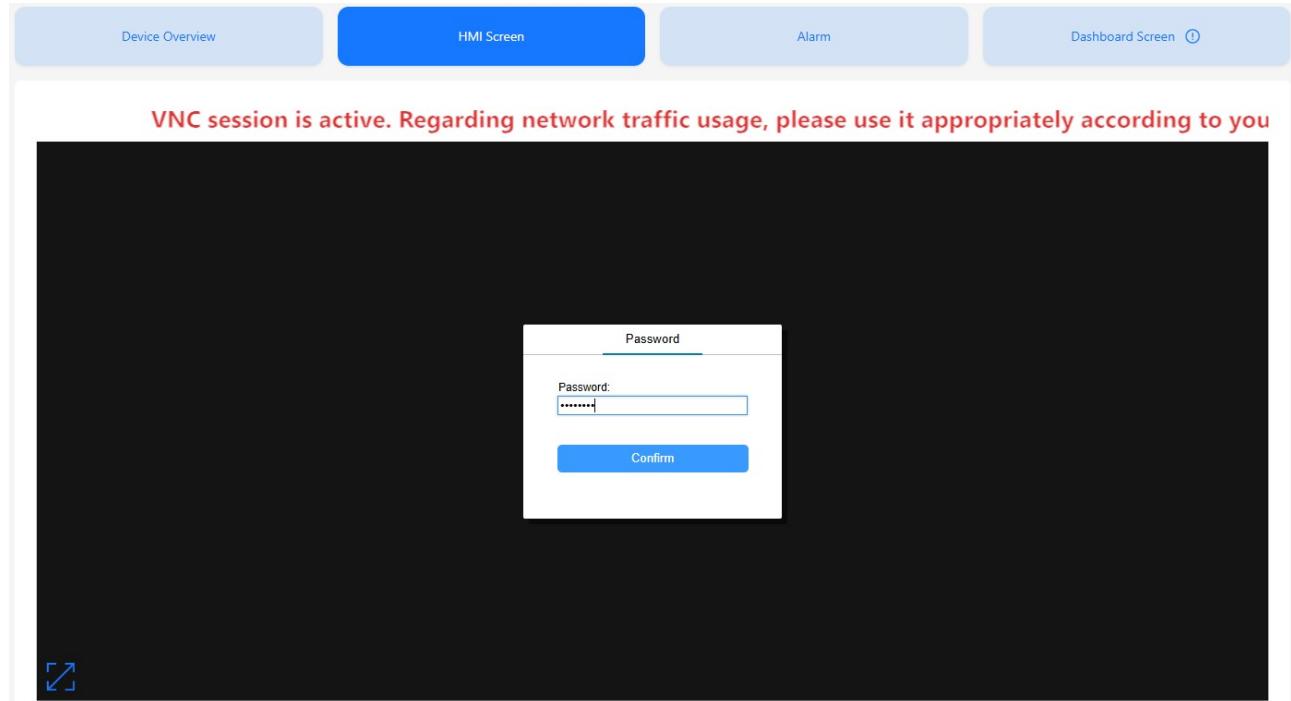
Description	Default
Billing Details <ul style="list-style-type: none"> ● TAG: Count the total number of unexpired TAGs on the device and the number of used TAGs among the unexpired TAGs. ● Traffic: Count the total unexpired traffic of the device and the used traffic in the unexpired traffic. 	0
Serial Number <ul style="list-style-type: none"> ● HMI SN: Display the serial number of the device. ● HMI Gateway SN: Display the gateway serial number of the device. 	N/A
Notification  <ol style="list-style-type: none"> 1. If the device is bound through the built-in License + HMI, the gateway SN will display the License SN. 2. If the device is bound through Dongle + HMI, the gateway SN will display Dongle SN. 	N/A
Basic Information <p>It shows the information that the device is bound to DIACloud.</p> <p> : Modify device binding information. After completing the modification, click <input checked="" type="checkbox"/> to save the settings and click  to cancel the changes.</p> <ul style="list-style-type: none"> ● Device Name: The name of the device bound to DIACloud. ● Device SN: The device serial number that the device is bound to DIACloud. ● Device Model: The model of the device bound to DIACloud. ● Device Group: The group name of the device bound to DIACloud. ● Template: The template name of the device bound to DIACloud. ● Multiple Devices: The name of the multiple devices bound to DIACloud. ● Device Address: This shows the detailed address of the device. ● Traffics consumed on this month: Displays information about the traffic consumed this month. 	N/A
Configuration Update <ul style="list-style-type: none"> ● Configuration creation: Display the first binding time of the device. ● Configuration modification: Display the first modification time of the device. ●  Configuration design: Editing device configurations 	N/A
Notification  <p>To edit device configuration, please download and install DIAWebDesigner first.</p>	

1.2.3.2 HMI Screen

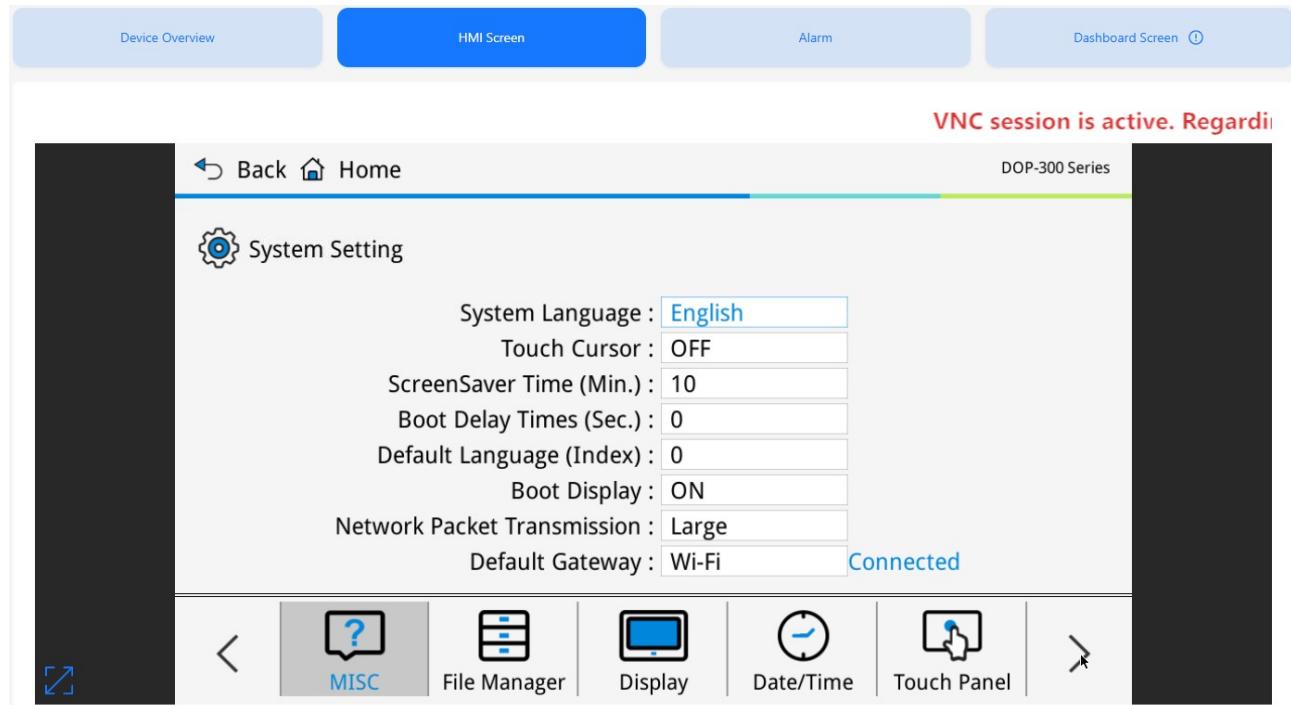
Through the VNC function of HMI, the screen of the HMI machine can be displayed on the web and directly operated. Device traffic is required when viewing the HMI screen. You can configure the viewing time through the setting screen to avoid wasting traffic.



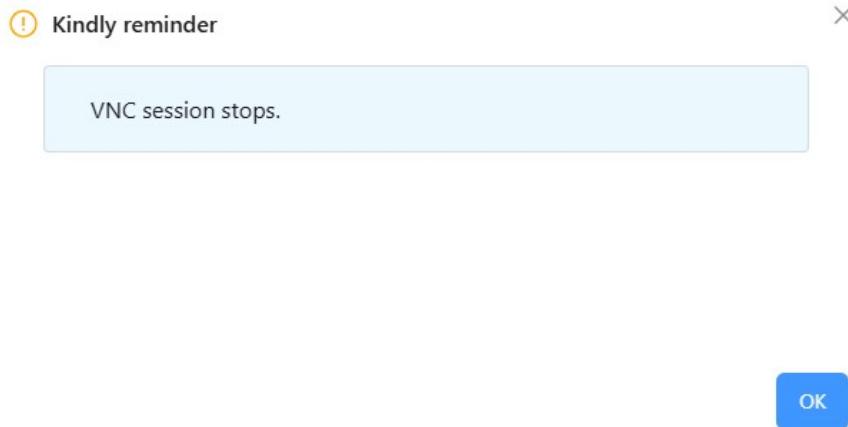
Password window will pop up, enter the VNC password and click **confirm**.



After the connection is successful, the current screen of the device will be displayed on the screen.



Note: Before using this function, please make sure that the VNC function is turned on. For related settings, please refer to DOP manuals. When closed manually (switching to other pages) or automatically closed (viewing duration enabled), the VNC connection ends.



1.2.3.3 Alarm

The Alarms page in the Data Dashboard displays the alarm history associated with the currently bookmarked device. If the device has a previous alarm history, the alarm history is displayed here and in the Message Center.

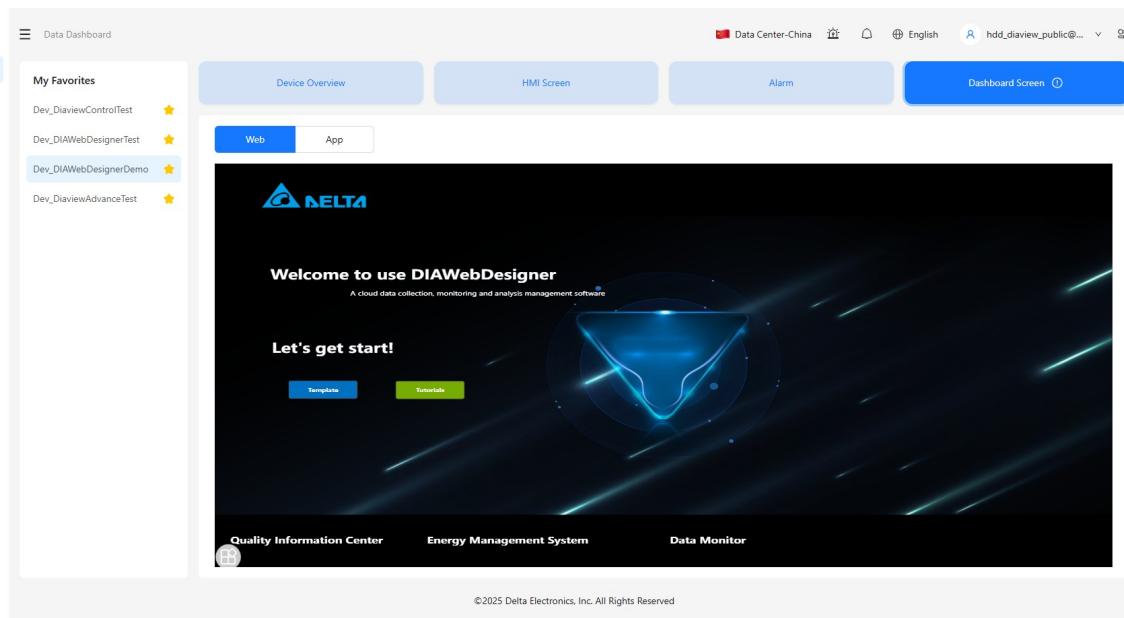
The screenshot shows the DIACloud Data Dashboard with the 'Data Dashboard' tab selected. On the left, there is a sidebar with 'Data Dashboard' and several management sections: 'Device Management', 'Billing Management', 'Message Center' (with a red notification dot), and 'System Management'. The 'Message Center' section is currently active. In the center, there is a 'Data Dashboard' section with a 'My Favorites' list containing 'Prj_07_35', 'Prj_10_04', and 'tunnel_test'. Below this is a 'Device Overview' card. To the right, there are tabs for 'Device Overview', 'HMI Screen', 'Alarm' (which is highlighted in blue), and 'Dashboard Screen'. The 'Alarm' tab is active, showing a table of alarm history. The table has columns: Name, Status, Alarm Time, Response Time, Responder, Recovery Time, Level, and Type. The data in the table is as follows:

Name	Status	Alarm Time	Response Time	Responder	Recovery Time	Level	Type
████████████████████	Alarm	2025-04-23 11:32:08	--	--	--	Serious	On
████████████████████	Alarm	2025-04-18 16:22:48	--	--	--	General	Off
████████████████████	Alarm	2025-04-18 16:22:48	--	--	--	Slight	Off
████████████████████	Alarm	2025-04-18 15:23:24	--	--	--	Lighter	Low

At the bottom of the dashboard, there is a footer with 'Total: 4' and a page navigation bar showing '1' and '10 / page'.

1.2.3.4 Dashboard Screen

Dashboard Screen displays the HMI device configuration screen in the template bound to DIACloud.



Note: The dashboard screen editing software is DIAWebDesigner. For detailed operations, please refer to the [DIAWebDesigner operation manual](#).

1.2.4 Device Management

There are four item in the device management: Device List, Device Groups, Single Device and Multiple Devices.

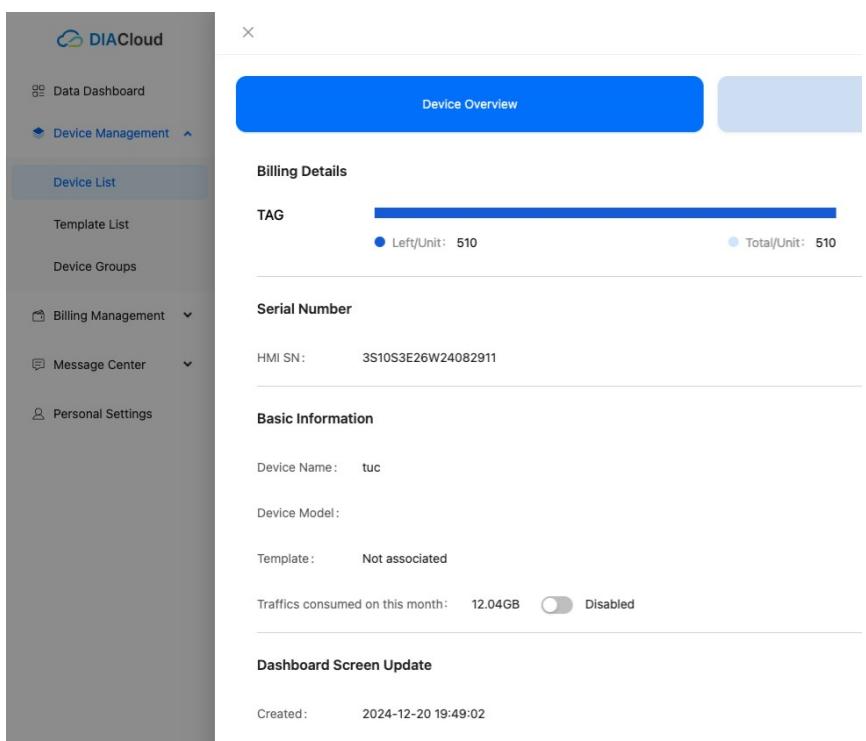
1.2.4.1 Device List

In the device list, you can find the login DIACloud account and the related device information.

Device Management / Device List										
Device Name/Template/Multipl...		Device Group	Online Status	Synchronization	Template	Multiple Devi...	Device Groups	Traffics Left	Tunnel Status	Operation
Prj_07_35		★ 🔍	Online	Synchronizing	Project_Devic...	ProjectCase_0...	G7	35.98 GB	Offline	
turner_test		★ 🔍	Offline	Synchronizing	Not associated	--	TG51>TG51_501	12.00 GB	Offline	
hj		★ 🔍	Offline	Synchronizing	50MB板模2	test123	Default Group	12.00 GB	Offline	
Daisy07_33		★ 🔍	Offline	Synchronizing	Not associated	--	TG51>TG51_501	12.00 GB	Offline	
T		★ 🔍	Offline	Synchronizing	只有画面的模板	test123	Default Group	12.00 GB	Offline	
Prj_10_04		★ 🔍	Offline	Synchronizing	Project_Devic...	ProjectCase_0...	G7	12.00 GB	Offline	

Description	Default
Device Name	
<p>Display the name given to the device by the user.</p> <ul style="list-style-type: none"> ●: Device is online. ●: Device is offline. ●: Device abnormality with alarm record status ★: Add device to My favorites, it will be displayed on the data dashboard. ☆: Not included in the list of My favorites. 📍: Add device label. If the device does not have a device label, user can define their own device label which can be used when searching for devices. 	 Not included  Offline
HMI Online Status <ul style="list-style-type: none"> ● Online: The device has successfully connected to the Internet. ● Offline: The device is not connected to the Internet. 	N/A
HMI Synchronization <p>Displays whether the device TAG, screen, firmware version, and project are synchronized with the bound DIACloud template.</p> <ul style="list-style-type: none"> ● Pending synchronization: The device data has not yet been synchronized to the corresponding DIACloud template. ● Synchronization: The device data has been synchronized to the corresponding DIACloud template. 	N/A
Template	

Description	Default
Shows the bound DIACloud template name.	N/A
Multiple Devices	
Displays the name of multiple devices to which the device is associated.	
Device Groups	
<p>Shows the group name bound to the device.</p> <ul style="list-style-type: none"> ●  : Modify device groups. ●  : Change to the default grouping. 	N/A
 Notification <p>The device only allows one group to join.</p>	
Remaining traffic data	
Displays the total remaining unused traffic of the device, with support for clicking to view details of the device's traffic consumption.	N/A
Tunnel Status	
<p>Display the device Tunnel status.</p> <ul style="list-style-type: none"> ● Offline: The device Tunnel is not enabled. ● Online: The device Tunnel is enabled. 	N/A
Operation	
<ul style="list-style-type: none"> ●  : View the device data dashboard, including Device Overview, HMI Screen, Alarm and Dashboard Screen. ●  : Delete devices. 	N/A

Description	Default
<p>Notification</p> <p>After the device is deleted, the data generated by the device cannot be recovered. Please delete it with caution.</p> <p>When the monthly traffic consumption reaches 12GB, the DIACloud platform will remind the user and ask whether to turn it off.</p> <p>When the current month's traffic has been turned off, the current month's traffic can be turned back on in the device information.</p> 	
<p>Search</p> <p>Enter the corresponding device information to quickly find the correct device.</p>	N/A

1.2.4.2 Device Groups

Displays the groups created by the user and their grouping devices. The left side is a list of all groups, and the right side is the group's devices.

Device Management / Device Groups

Device Name Device SN Device Model Operation

hj	--	--	Change Group
T	--	--	Change Group

Add Group

Default Group

G7

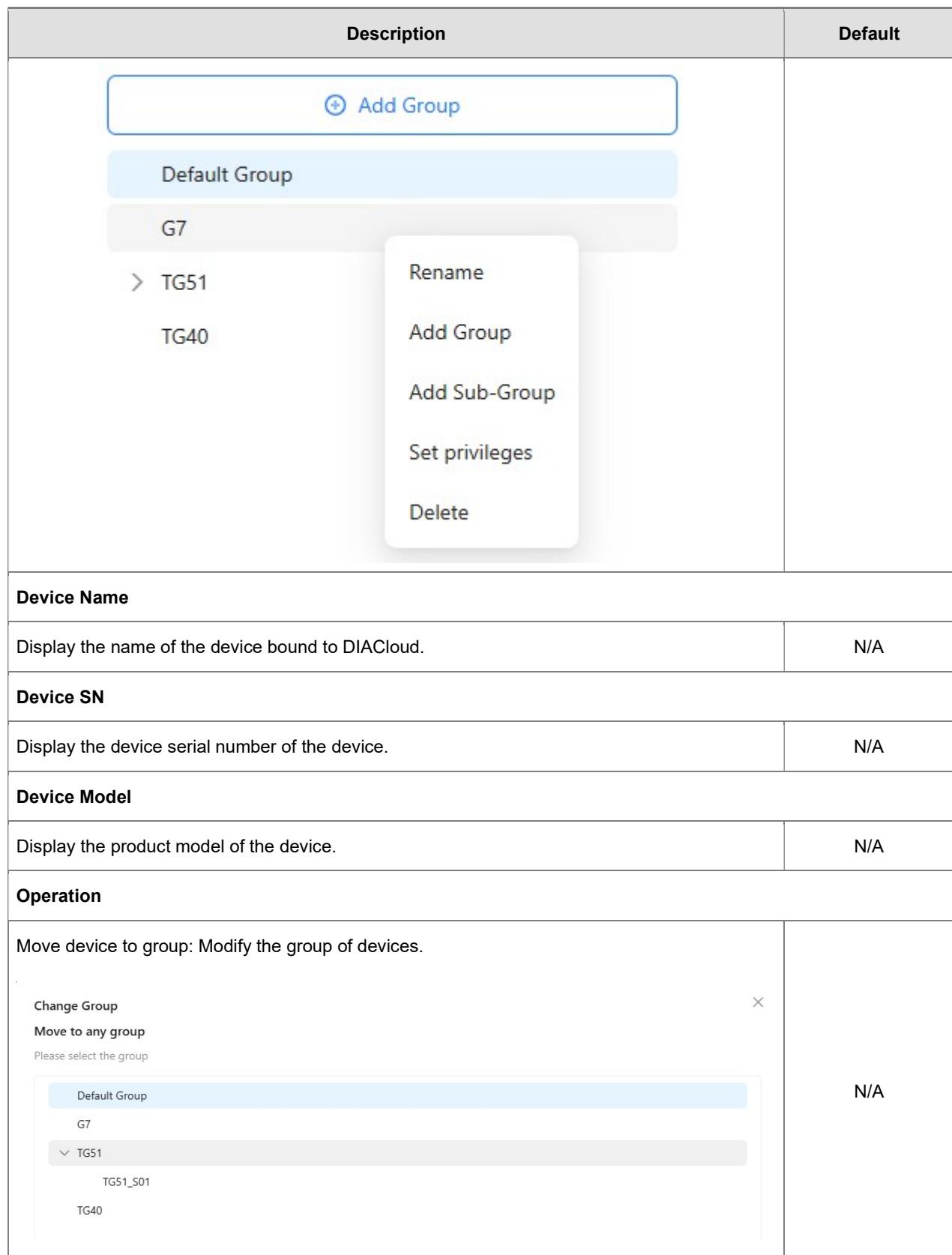
> TG51

TG40

Total: 2 < 1 >

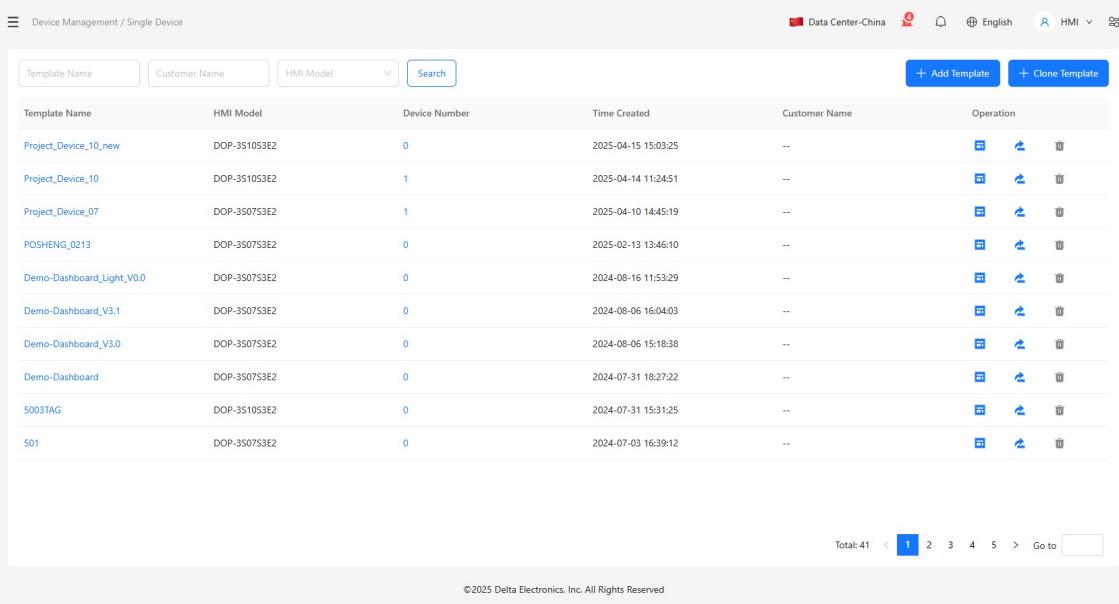
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Description	Default
<p>Device Group</p> <p>Display all device group names of DIACloud accounts.</p> <p>Right-click on the default group to add the group or set privileges.</p> <p>Add Group</p> <p>Default Group</p> <p>G7</p> <p>> TG51</p> <p>TG40</p> <p>Add Group</p> <p>Set privileges</p> <p>Right-click on the group name to support adding, deleting, and modifying the group or set privileges. The group level is up to eight levels, that is, each group has up to seven sub-group levels.</p>	<p>Default grouping</p>



1.2.4.3 Single Device

Template list displays all templates created by the user's DIACloud account. Users can use the template function to upload device-related data, including TAGs, screens, projects, etc., to the corresponding template, and the HMI then synchronizes the cloud template to complete the configuration or update of related information.



Device Management / Single Device

Template Name HMI Model Device Number Time Created Customer Name Operation

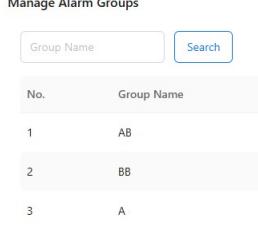
Project_Device_10_new	DOP-3S10S3E2	0	2025-04-15 15:03:25	--	
Project_Device_10	DOP-3S10S3E2	1	2025-04-14 11:24:51	--	
Project_Device_07	DOP-3S07S3E2	1	2025-04-10 14:45:19	--	
POSHENG_0213	DOP-3S07S3E2	0	2025-02-13 13:46:10	--	
Demo-Dashboard_Light_V0.0	DOP-3S07S3E2	0	2024-08-16 11:53:29	--	
Demo-Dashboard_V3.1	DOP-3S07S3E2	0	2024-08-06 16:04:03	--	
Demo-Dashboard_V3.0	DOP-3S07S3E2	0	2024-08-06 15:18:38	--	
Demo-Dashboard	DOP-3S07S3E2	0	2024-07-31 18:27:22	--	
5003TAG	DOP-3S10S3E2	0	2024-07-31 15:31:25	--	
501	DOP-3S07S3E2	0	2024-07-03 16:39:12	--	

Total: 41 < 1 2 3 4 5 > Go to

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Description	Default
Template Name	
Displays the name of this template.	N/A
HMI Model	
Displays the device model which this template applies.	
Notification  When a device is added to a template, the device model must be consistent with the model before it can be added.	N/A
Device Number	
Displays the number of devices bound to this template. Click the quantity to jump to the device list and automatically filter out the template.	0
Time Created	
Displays the time that the template is created	N/A
Customer Name	
Display the customer's name set by this template	N/A

Description	Default						
Operations							
<ul style="list-style-type: none"> ●  Dashboard Screen Design: Display the dasgboard screen of the template. <ul style="list-style-type: none"> ➤ Basic: Display basic configuration information. ➤ TAG: Display the TAG uploaded by DIAScreen for this template. ➤ Alarm: Set up alarm rules with a limit of 300 alarm rules. ➤  New: Create alarm rule. <div data-bbox="349 752 1143 1560"> <p>New Alarm</p> <p>* Name: <input type="text" value="Please input Name"/></p> <p>Group: <input type="text" value="Please select (Multiple choices are acceptable)"/> </p> <p>* Level: <input type="text" value="Please select Level"/></p> <p>* Type: <input type="text" value="Please select Type"/></p> <p>* Conditions: Please select alarm type first</p> <p>* Content: <input type="text" value="Please input Content"/></p> <p>* Status: </p> <p><input type="button" value="Cancel"/> <input type="button" value="Confirmed"/></p> </div> <table border="1" data-bbox="214 1583 1283 1902"> <thead> <tr> <th data-bbox="214 1583 420 1639">Alarm</th><th data-bbox="420 1583 1283 1639">Description</th></tr> </thead> <tbody> <tr> <td data-bbox="214 1639 420 1718">Name</td><td data-bbox="420 1639 1283 1718">Create an alarm name.</td></tr> <tr> <td data-bbox="214 1718 420 1902">Group</td><td data-bbox="420 1718 1283 1902"> <ul style="list-style-type: none"> ● Before setting the alarm group, users need to create group name. <p>Please click this button  to set.</p> <ul style="list-style-type: none"> ● Click  to create the group name of alarm, so users can put the similar alarms into the same group. </td></tr> </tbody> </table>	Alarm	Description	Name	Create an alarm name.	Group	<ul style="list-style-type: none"> ● Before setting the alarm group, users need to create group name. <p>Please click this button  to set.</p> <ul style="list-style-type: none"> ● Click  to create the group name of alarm, so users can put the similar alarms into the same group. 	N/A
Alarm	Description						
Name	Create an alarm name.						
Group	<ul style="list-style-type: none"> ● Before setting the alarm group, users need to create group name. <p>Please click this button  to set.</p> <ul style="list-style-type: none"> ● Click  to create the group name of alarm, so users can put the similar alarms into the same group. 						

	Description	Default
1	 <ul style="list-style-type: none"> After adding the alarm rule, users can click  to rename the group name or click  icon to delete. Supports keyword searching for group names. 	
Level	<p>Alarm levels are categorized into the following five levels, which can be selected by the user according to the alarm phenomenon.</p> <p>Slight</p> <p>Lighter</p> <p>General</p> <p>Heavier</p> <p>Serious</p>	
Type	<p>There are three types of alarms, each with separate conditions.</p> <ul style="list-style-type: none"> Limit Value Alarm <ul style="list-style-type: none"> Higher, High, Low, Lower Deviation Alarm <ul style="list-style-type: none"> Significant deviation Minor deviation ON/OFF Alarm <ul style="list-style-type: none"> On Off 	
Conditions	<p>The contents of the alarm conditions vary according to the selected model.</p> <ul style="list-style-type: none"> The condition for selecting a limit value alarm is when the Tag value is greater or less than the alarm value. 	

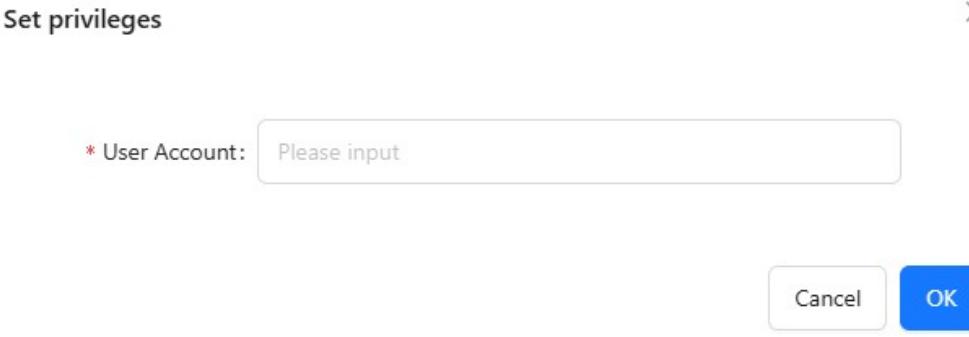
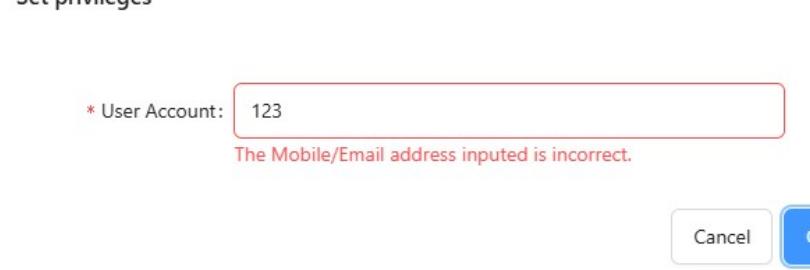
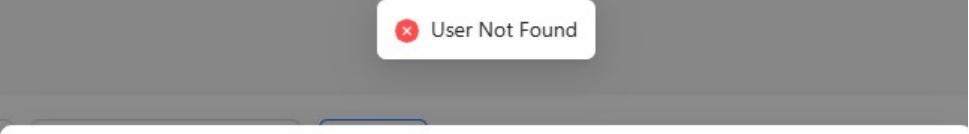
Description		Default
	<p>* Type: High</p> <p>* Conditions: When Select TAG > Value Please select Conditions</p> <ul style="list-style-type: none"> ● The condition for selecting the deviation alarm is when the deviation value of the Tag value deviates from the target value. <p>* Type: Significant deviation</p> <p>* Conditions: When Select TAG Deviation ... Target Please select Conditions</p> <ul style="list-style-type: none"> ● The condition for selecting an on/off alarm is when the Tag value is equal to On or Off. <p>* Type: On</p> <p>* Conditions: When Select TAG = On Please select Conditions</p>	
Content	Enter the description you want to present when the alarm appears.	
Status	This alarm rule applies when it is turned on; it does not apply when it is turned off.	

Import: After exporting, you can modify the rules and import them again.

Export: Export the alarm rules set by the current platform to an Excel sheet (.xlsx).

Name	Group	Level	Type	Conditions	Content	Status	Operation
Voltage02	voltage	Slight	Low	TP3a6<(30)	Voltage is low	On	On
Voltage01	voltage	General	Higher	TP3a7>(70)	Voltage is high	On	On
Temperature02	temp	Lighter	Lower	TP3a8<(100)	Temperature is low	On	On
Temperature01	temp	Heavier	High	TP3a9>(100)	Temperature is high	On	On

 Total: 4 < >

Description	Default
<p>➤ Dashboard screen: Please use DIAWebDesigner software to edit.</p> <ul style="list-style-type: none"> ● View screen: Present the dashboard screen as a new window. ● Editing screen: Open DIAWebDesigner to edit the dashboard screen of this template. ●  Set privileges: Assign all devices under the group to the user. If the user account is entered correctly, the Assign Success message is displayed. If the user account is entered incorrectly, a corresponding error message is displayed.  <p>Set privileges ×</p> <p>* User Account: <input type="text" value="Please input"/> Cancel OK</p>  <p>Set privileges ×</p> <p>* User Account: <input type="text" value="123"/> Cancel OK</p> <p>The Mobile/Email address inputed is incorrect.</p>  <p>User Not Found ×</p>  <p>Set privileges ×</p> <p>* User Account: <input type="text" value="ele@gmail.com"/> Cancel OK</p>	

Description	Default
<ul style="list-style-type: none"> Delete template <div data-bbox="228 361 1192 624" style="border: 1px solid black; padding: 10px;"> <p>Notification</p> <p>1. Please refer to the IIoT operation manual for DIAScreen.</p> <p> 2. For DIAWebDesigner, please refer to the DIAWebDesigner operation manual.</p> <p>3. It also supports adding new templates by using DIAScreen.</p> </div>	
<p>+ Add Template</p> <p>Add a new template to the DIACloud account.</p> <ul style="list-style-type: none"> Template name: Enter the template name. HMI model: Select the device model for which this template is applicable. Customer name: Enter the customer's name for this template. Note: Enter the content to be remarked <div data-bbox="228 979 1033 1145" style="border: 1px solid black; padding: 10px;"> <p>Notification</p> <p> When a device is added to a template, the device model must be consistent with the model before it can be added.</p> </div>	N/A
<p>+ Clone Template</p> <p>Select a template from the existing template list and copy all the data of the template.</p> <ul style="list-style-type: none"> Clone template: Select a template from a list of existing templates. Template name: The name of this template in DIACloud. HMI model: Not editable, same model as the selected clone template. Customer name: The customer's name corresponding to this template. Note: Enter the content to be remarked 	N/A
<p>Search</p> <p>Enter the module name or HMI model to quickly find the corresponding module.</p>	N/A

1.2.4.4 Multiple Devices

Users can create new Multiple devices via the New button. Multiple devices can be associated to the same project and then referenced by TAG through DIAWebDesigner.

Device Management / Multiple Devices

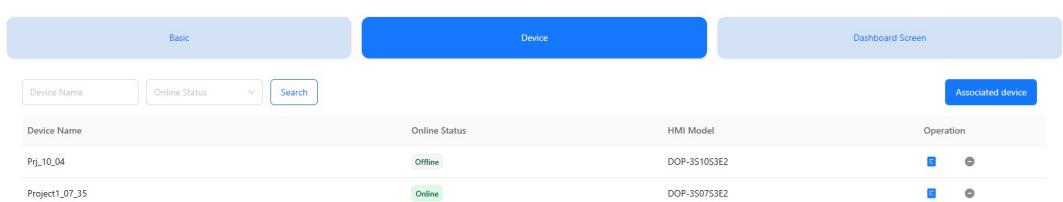
Name Customer Name Search + New

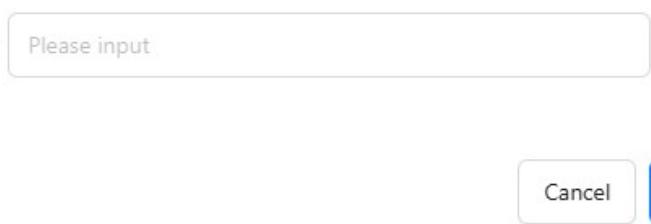
Name	Device Number	Created	Customer Name	Operation
aa	0	2025-04-15 18:24:19	11	
hhhh	0	2025-04-15 18:16:37	--	
123456	0	2025-04-15 18:11:26	99	
test123	2	2025-04-11 13:34:57	aaa	
ProjectCase_001	2	2025-03-26 09:13:57	--	

Total: 5 < 1 > 10 / page

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Description	Default
<p>Name</p> <p>Display the name of multiple devices.</p> <p>Click New to create multiple devices name.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>New</p> <p>* Name: <input type="text" value="Please input"/></p> <p>Customer Name: <input type="text" value="Please input"/></p> <p>Remarks: <input type="text" value="Please input"/></p> <p style="text-align: right;">Cancel Confirmed Add device</p> </div> <p>After creating a name, you can click OK to add the device later; or you can add a new device and then click Add Device to jump to the screen of the associated device.</p>	N/A

Description	Default
 <p>Clicking Associate Device will display all the devices under this account that have been associated with the template, allowing the user to select the device to be associated.</p> <p>Note: Devices that have already been associated with a project cannot be associated with another project.</p>	
Device Number	
Displays the number of devices in the Multiple devices. Tap the quantity to jump to the device information associated with the multiple devices item.	0
Created	
Display the created time.	N/A
Customer Name	
Display the customer's name.	N/A
Operation	
<ul style="list-style-type: none"> ●  Dashboard Screen Design : Display the dashboard screen . <ul style="list-style-type: none"> ➢ Basic: Display basic and dashboard screen information. ➢ Device: Display the device information of multiple devices. <ul style="list-style-type: none"> ⇒ Click Associated device, displays all devices under this account that have an association template, allowing the user to select a device to associate. ⇒ Click View TAG to view the tags upload from DIAScreen. ⇒ Click Remove to remove the associated device. ➢ Dashboard Screen: View the dashboard screen of multiple devices from Web and App side. 	N/A
	

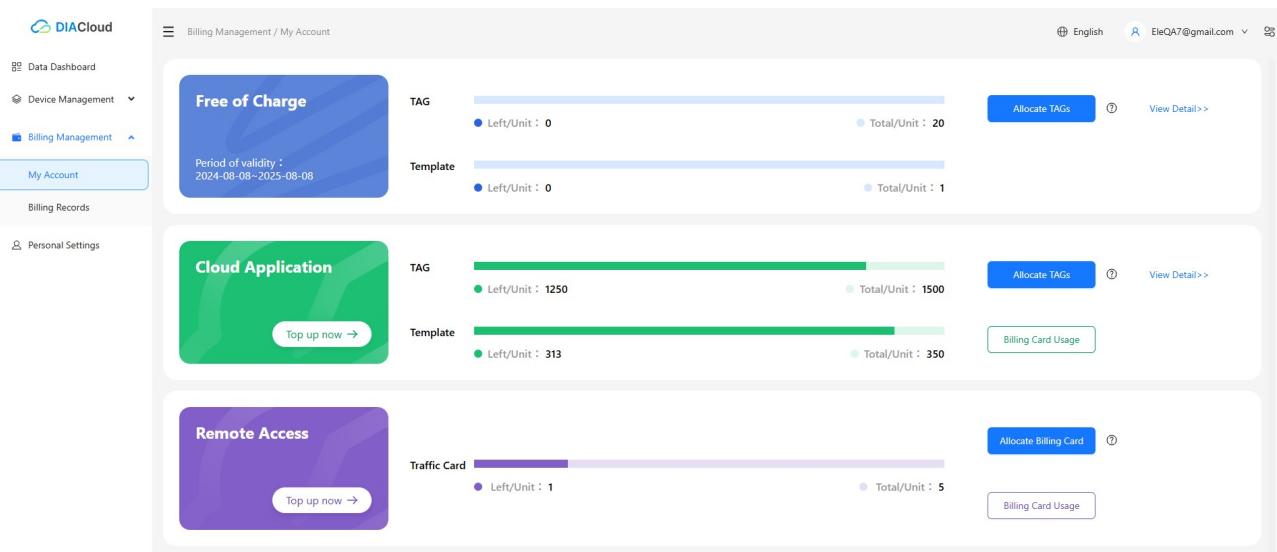
Description	Default
<ul style="list-style-type: none"> ●  Set privileges: Assign all devices under the group to the user. If the user account is entered correctly, the Assign Success message is displayed. If the user account is entered incorrectly, a corresponding error message is displayed. 	
	
	
 <ul style="list-style-type: none"> ●  : Delete 	

Description	Default
<p>Notification</p> <ol style="list-style-type: none"> 1. Please refer to the IIoT operation manual for DIAScreen. 2. For DIAWebDesigner, please refer to the DIAWebDesigner operation manual. 3. It also supports adding new templates by using DIAScreen. 	
<p>Search</p> <p>Enter the module name or HMI model to quickly find the corresponding module.</p>	N/A

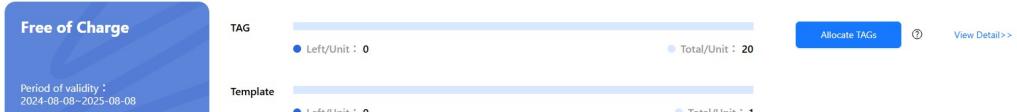
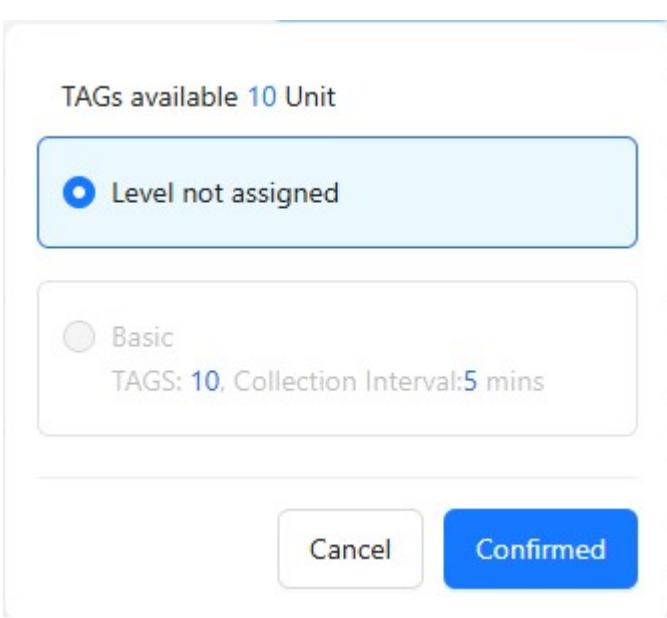
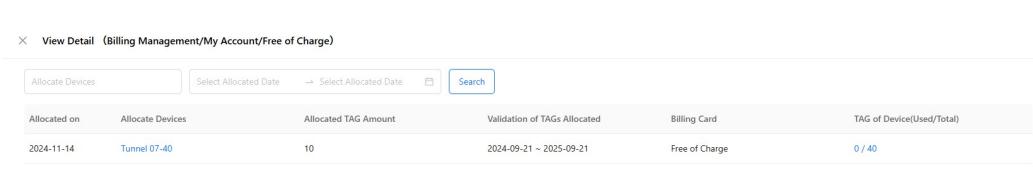
1.2.5 Billing Management

1.2.5.1 My Account

You can find the billing overview in **My Account**.

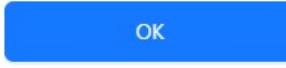


Description	Default
<p>Free of charge</p> <p>After the account is successfully registered, the DIACloud platform will provide 20 TAGs and 1 template free of charge (valid for 1 year). The validity period starts from the day the account is successfully registered.</p> <ul style="list-style-type: none"> ● TAG: The total number of unexpired Tags and the unexpired Tags used. 	TAG: 20 Template: 1

Description	Default																
<p>Notification</p> <p>TAG needs to be used with the device, and once assigned to the device, it is bound to the device and cannot be changed.</p> <p> For example, user A assigns 30 tags to device A. When user A unbinds device A and binds device A to user B, the unexpired tags among the 30 tags will follow device A to user B for continued use.</p>																	
<ul style="list-style-type: none"> Template: The total number of unexpired TAGs and the number of unexpired TAGs used. 																	
 <p>Free of Charge</p> <p>Period of validity : 2024-08-08~2025-08-08</p> <p>TAG</p> <p>Left/Unit : 0 Total/Unit : 20</p> <p>Template</p> <p>Left/Unit : 0 Total/Unit : 1</p> <p>Allocate TAGs View Detail > </p>																	
<ul style="list-style-type: none"> TAG allocation: Allocate unexpired TAG levels. The free of charge TAG provided by the platform only supports Basic level selection. 																	
 <p>TAGs available 10 Unit</p> <p><input checked="" type="radio"/> Level not assigned</p> <p><input type="radio"/> Basic TAGS: 10, Collection Interval:5 mins</p> <p>Cancel Confirmed</p>																	
<ul style="list-style-type: none"> View all: View TAG allocation records. 																	
 <p>View Detail (Billing Management/My Account/Free of Charge)</p> <table border="1"> <thead> <tr> <th>Allocate Devices</th> <th>Select Allocated Date</th> <th>→ Select Allocated Date</th> <th>Search</th> </tr> </thead> <tbody> <tr> <td>Allocated on</td> <td>Allocate Devices</td> <td>Allocated TAG Amount</td> <td>Validation of TAGs Allocated</td> <td>Billing Card</td> <td>TAG of Device(Used/Total)</td> </tr> <tr> <td>2024-11-14</td> <td>Tunnel 07-40</td> <td>10</td> <td>2024-09-21 ~ 2025-09-21</td> <td>Free of Charge</td> <td>0 / 40</td> </tr> </tbody> </table>	Allocate Devices	Select Allocated Date	→ Select Allocated Date	Search	Allocated on	Allocate Devices	Allocated TAG Amount	Validation of TAGs Allocated	Billing Card	TAG of Device(Used/Total)	2024-11-14	Tunnel 07-40	10	2024-09-21 ~ 2025-09-21	Free of Charge	0 / 40	
Allocate Devices	Select Allocated Date	→ Select Allocated Date	Search														
Allocated on	Allocate Devices	Allocated TAG Amount	Validation of TAGs Allocated	Billing Card	TAG of Device(Used/Total)												
2024-11-14	Tunnel 07-40	10	2024-09-21 ~ 2025-09-21	Free of Charge	0 / 40												
<p>Cloud Application Billing Card</p>																	
<p>When the free of charge TAGs and templates provided by the platform are insufficient or expired, users can recharge by purchasing a Cloud Application billing card and activate it immediately.</p> <ul style="list-style-type: none"> Recharge immediately: Enter the correct card number and password of the billing card to 	0																

Description	Default
<p>perform recharge service. After recharging, please use it within the validity period.</p>  <p>Cloud Application Activate</p> <p>Kindly reminder : The period of validity is one year after the Billing Card is activated , Please use the service package within the period of validity.</p> <p>2 Scratch off the layer and enter the card code</p> <p>1 Input the last eight digits of the card number</p> <p>Card Number: TCA01000-XXXXXXX</p> <p>Key / 金鑰: <input type="text"/></p> <p>Turn the card over</p> <p>Instruction / 使用說明:</p> <ol style="list-style-type: none"> 1. Log in to DIACloud Management Platform (https://platform.diacloudsolutions.com) or DIACloud APP (if you have already registered, please skip this step.) 2. Log in to the DIACloud Management Platform and activate the billing card on the Billing Management page. 3. After the billing card is successfully activated, please use it within the validity period. (The validity period is one year after the card is activated.) 4. Once the billing card is opened, it will not be returned. <p>Card Number: TCA01000-XXXXXXX Product Name: DX-TCA-1000</p> <p>Billing Card  Download APP </p> <p>* Card Number: <input type="text" value="TCA00500"/> Please input</p> <p>* Card Password: <input type="text"/> Please input</p> <p>Next</p>	1

Description	Default										
<p>Cloud Application Activate X</p> <p>Cloud Application 500 TAG</p> <table border="1" data-bbox="171 691 1140 1073"><tbody><tr><td data-bbox="171 691 509 754">Billing packages</td><td data-bbox="509 691 1140 754">500 TAG</td></tr><tr><td data-bbox="171 754 509 817">Data storage</td><td data-bbox="509 754 1140 817">1 Year</td></tr><tr><td data-bbox="171 817 509 880">Period of validity</td><td data-bbox="509 817 1140 880">1 Year</td></tr><tr><td data-bbox="171 880 509 943">Data Collection Interval</td><td data-bbox="509 880 1140 943">1~5 Minutes</td></tr><tr><td data-bbox="171 943 509 1073">Template amount</td><td data-bbox="509 943 1140 1073">100 Unit</td></tr></tbody></table> <p>Activate now</p>	Billing packages	500 TAG	Data storage	1 Year	Period of validity	1 Year	Data Collection Interval	1~5 Minutes	Template amount	100 Unit	
Billing packages	500 TAG										
Data storage	1 Year										
Period of validity	1 Year										
Data Collection Interval	1~5 Minutes										
Template amount	100 Unit										

Description	Default
<p>Cloud Application Activate</p> <p></p> <p>Your Billing Card is successfully activated.</p> <p>Validity of Billing Card : 2024/12/23 ~2025/12/23</p> <p>Please use the service package within the period of validity.</p> <p></p> <div data-bbox="206 1268 1206 1437" style="border: 1px solid black; padding: 10px;"><p>Notification</p><p> After the activation of the card, the card package will be effective immediately, please use the card package within the validity period.</p></div> <ul style="list-style-type: none">● TAG: The total number of unexpired TAGs and the number of unexpired TAGs used.	

Description	Default
<p>Notification</p> <p>TAG needs to be used with the device, and once assigned to the device, it is bound to the device and cannot be changed.</p> <p>For example, user A assigns 30 tags to device A. When user A unbinds device A and binds device A to user B, the unexpired tags among the 30 tags will follow device A to user B for continued use.</p> <p>How to use device TAG after TAG is assigned to device:</p> <p>DIAScreen uploads TAGs for the template, when the number of device TAGs is \geq the number of TAGs of the device's bound template, all TAGs of the template will be effective for the device (effective TAGs, support functions such as collecting/downloading data); when the number of device TAGs is $<$ the number of TAGs of the device's bound template, some of the template TAGs will not be effective for the device, for example, if the template TAGs are 12, and the device that joins the template only has 10 TAGs, then the 2 earliest TAGs uploaded from the template will not be effective for that device. For example, there are 12 template TAGs, and the device that joins the template has only 10 TAGs, then the earliest 2 TAGs uploaded by the template cannot take effect for the device.</p> <ul style="list-style-type: none"> Template: The total number of unexpired TAGs and the number of unexpired TAGs used. Allocate TAGs: Divided into three levels, Basic, Normal, Advanced. Equipment level from low to high: Basic>Normal>Advanced, only upgrades are supported. If the device level is already Normal, only the Advanced level can be selected this time, and the collection frequency of the selected Normal level TAG will also be upgraded to the Advanced level. 	

Description	Default																		
<p>TAGs available 820 Unit</p> <p><input checked="" type="radio"/> Level not assigned</p> <p><input type="radio"/> Basic TAGS: 10, Collection Interval:5 mins</p> <p><input type="radio"/> Normal TAGS: 30, Collection Interval:2 mins</p> <p><input type="radio"/> Advanced TAGS: 50~200, Collection Interval:1 mins</p> <p><input type="radio"/> 50</p> <p>Cancel Confirmed</p> <p>● View details: Check allocation records.</p> <p>➤ Assign device: Click the device name to view device information.</p> <p>➤ Assign billing card: Click on the billing card name to view billing card information.</p> <p>➤ Current device TAG: View all TAG allocation records of the device.</p> <p>View Detail (Billing Management/My Account/Cloud Application)</p> <table border="1"> <thead> <tr> <th>Allocated on</th> <th>Allocate Devices</th> <th>Allocated TAG Amount</th> <th>Validation of TAGs Allocated</th> <th>Billing Card</th> <th>TAG of Device(Used/Total)</th> </tr> </thead> <tbody> <tr> <td>2024-11-14</td> <td>Tunnel 07-40</td> <td>30</td> <td>2024-09-24 ~ 2025-09-24</td> <td>Cloud Application 1000TAG</td> <td>0 / 40</td> </tr> <tr> <td>2024-09-25</td> <td>Demo-Dashboard</td> <td>150</td> <td>2024-09-24 ~ 2025-09-24</td> <td>Cloud Application 1000TAG</td> <td>133 / 150</td> </tr> </tbody> </table> <p>● Billing Card Usage</p> <p>Show all activated billing cards for this account. (active/deactivated cards will be shown here)</p>	Allocated on	Allocate Devices	Allocated TAG Amount	Validation of TAGs Allocated	Billing Card	TAG of Device(Used/Total)	2024-11-14	Tunnel 07-40	30	2024-09-24 ~ 2025-09-24	Cloud Application 1000TAG	0 / 40	2024-09-25	Demo-Dashboard	150	2024-09-24 ~ 2025-09-24	Cloud Application 1000TAG	133 / 150	
Allocated on	Allocate Devices	Allocated TAG Amount	Validation of TAGs Allocated	Billing Card	TAG of Device(Used/Total)														
2024-11-14	Tunnel 07-40	30	2024-09-24 ~ 2025-09-24	Cloud Application 1000TAG	0 / 40														
2024-09-25	Demo-Dashboard	150	2024-09-24 ~ 2025-09-24	Cloud Application 1000TAG	133 / 150														

Description	Default																						
<p>Billing Card Usage (Billing Management/My Account/Cloud Application)</p> <p>Total cards: 1 Active cards: 1 Outdated cards: 0</p> <table border="1"> <thead> <tr> <th data-bbox="163 422 330 444">Billing Card Name</th> <th data-bbox="401 422 433 444">Status</th> <th data-bbox="663 422 727 444">Activated Date</th> <th data-bbox="830 422 894 444">Valid Through</th> <th data-bbox="1005 422 1036 444">TAGs Left</th> </tr> </thead> <tbody> <tr> <td data-bbox="163 455 330 478">Cloud Application 1000TAG</td> <td data-bbox="401 455 433 478">Active</td> <td data-bbox="663 455 727 478">2024-09-24</td> <td data-bbox="830 455 1036 478">2024-09-24 ~ 2025-09-24</td> <td data-bbox="1005 455 1036 478">820</td> </tr> </tbody> </table> <p>Click TAG Left to view the TAG assignment records for this billing card:</p> <p>TAGs Left</p> <p>Select Allocated Date <input type="button" value="Select Allocated Date"/> <input type="button" value="Search"/></p> <table border="1"> <thead> <tr> <th data-bbox="179 698 322 720">Allocate Devices</th> <th data-bbox="425 698 584 720">Allocated TAG Amount</th> <th data-bbox="671 698 759 720">Allocated on</th> <th data-bbox="909 698 1036 720">Operation Account</th> </tr> </thead> <tbody> <tr> <td data-bbox="179 743 322 765">Tunnel 07-40</td> <td data-bbox="425 743 457 765">30</td> <td data-bbox="671 743 759 765">2024-11-14</td> <td data-bbox="909 743 1036 765">eleqa7@gmail.com</td> </tr> <tr> <td data-bbox="179 788 322 810">Demo-Dashboard</td> <td data-bbox="425 788 457 810">150</td> <td data-bbox="671 788 759 810">2024-09-25</td> <td data-bbox="909 788 1036 810">eleqa7@gmail.com</td> </tr> </tbody> </table> <p>Total: 2 <input type="button" value="1"/> <input type="button" value=""/>> <input type="button" value="10 / page"/></p>	Billing Card Name	Status	Activated Date	Valid Through	TAGs Left	Cloud Application 1000TAG	Active	2024-09-24	2024-09-24 ~ 2025-09-24	820	Allocate Devices	Allocated TAG Amount	Allocated on	Operation Account	Tunnel 07-40	30	2024-11-14	eleqa7@gmail.com	Demo-Dashboard	150	2024-09-25	eleqa7@gmail.com	
Billing Card Name	Status	Activated Date	Valid Through	TAGs Left																			
Cloud Application 1000TAG	Active	2024-09-24	2024-09-24 ~ 2025-09-24	820																			
Allocate Devices	Allocated TAG Amount	Allocated on	Operation Account																				
Tunnel 07-40	30	2024-11-14	eleqa7@gmail.com																				
Demo-Dashboard	150	2024-09-25	eleqa7@gmail.com																				
<p>Remote Access Billing Card</p> <p>Licenses and Dongles come with 12G of free traffic. When the free traffic is not enough or expires, users can purchase a Remote Access billing card and activate it.</p> <ul style="list-style-type: none"> ● Remote Access Billing Card - Billing Card top-up: 	0																						

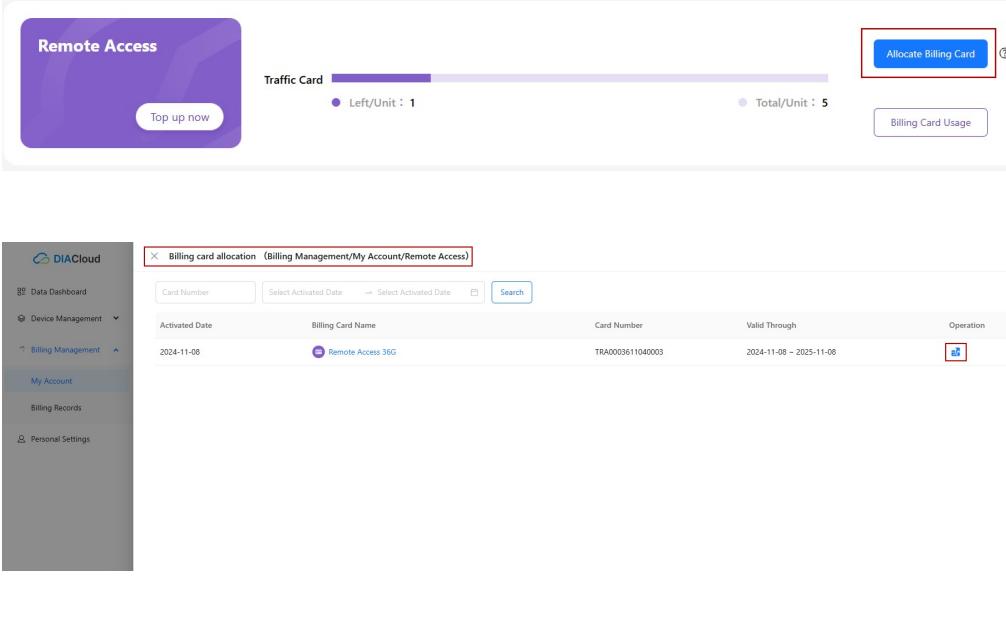
Description	Default				
<p>Remote Access Activate</p> <p>Kindly reminder : The period of validity is one year after the Billing Card is activated , Please use the service package within the period of validity.</p> <p>2 Scratch off the layer and enter the card code</p> <p>Key / 金鑰 : <input type="text"/></p> <p>Input the last eight digits of 1 the card number</p> <p>Card Number: TRA00060-XXXXXXX</p> <p>Turn the card over</p> <p>Key / 金鑰 :</p> <p>Instruction / 使用方法 :</p> <ol style="list-style-type: none"> 1. Register to the website www.diacloudsolutions.com or DIACloud APP. If you have already registered, please skip this step. 登入 DIACloud 網站 www.diacloudsolutions.com 或 DIACloud APP。 2. Log in to the DIACloud platform and activate the billing card on the Billing Management page. 登錄 DIACloud 平台並在帳單管理頁面激活帳單。 3. After the billing card is successfully activated, please use it within the validity period. (The validity period is 1 year after activation) 帳單成功激活後請在有效期間內使用 (有效期間為 1 年) 4. Once the billing card is opened, it will not be returned. 計費卡拆封後將不能退回 <p>Card Number : 0000000-XXXXXXX Product Name : DR-TRA-0000</p> <p>Billing Card Download APP</p> <p>* Card Number: <input type="text" value="TRA00036"/> Please input</p> <p>* Card Password: <input type="text"/> Please input</p> <p>Next</p> <p>Remote Access Activate</p> <p>Kindly reminder : The period of validity is one year after the Billing Card is activated , Please use the service package within the period of validity.</p> <p>Remote Access 36G</p> <table border="1"> <tr> <td>Billing packages</td> <td>36G</td> </tr> <tr> <td>Period of validity</td> <td>1 Year</td> </tr> </table> <p>Activate now</p>	Billing packages	36G	Period of validity	1 Year	
Billing packages	36G				
Period of validity	1 Year				

Description	Default
<p>Remote Access Activate</p>  <p>Your Billing Card is successfully activated.</p> <p>Validity of Billing Card : 2024/11/08 ~ 2025/11/08</p> <p>The services associated with the card can be used after being allocated to devices, please use the services within the valid period.</p> <p>Allocate Device</p> <p>Don't allocate temporarily</p>	

Description	Default										
<p>Allocate Device</p> <p>Kindly reminder : Not changeable after allocated to devices, please conduct allocation with caution.</p> <p>Device Name <input type="text"/> Search</p> <table border="1"> <thead> <tr> <th data-bbox="255 563 441 586">Device Name</th> <th data-bbox="890 563 997 586">Traffic left</th> </tr> </thead> <tbody> <tr> <td data-bbox="255 619 287 642"><input type="checkbox"/> hj</td> <td data-bbox="890 619 970 642">12.00 GB</td> </tr> <tr> <td data-bbox="255 676 287 698"><input type="checkbox"/> T</td> <td data-bbox="890 676 970 698">12.00 GB</td> </tr> <tr> <td data-bbox="255 732 414 754"><input type="checkbox"/> tunnel test</td> <td data-bbox="890 732 970 754">12.00 GB</td> </tr> <tr> <td data-bbox="255 788 414 810"><input checked="" type="checkbox"/> Daisy07_33</td> <td data-bbox="890 788 970 810">72.00 GB</td> </tr> </tbody> </table> <p>Total: 4 < 1 > 10 / page</p> <p><input type="button" value="Cancel"/> <input type="button" value="Confirm allocation"/></p>	Device Name	Traffic left	<input type="checkbox"/> hj	12.00 GB	<input type="checkbox"/> T	12.00 GB	<input type="checkbox"/> tunnel test	12.00 GB	<input checked="" type="checkbox"/> Daisy07_33	72.00 GB	
Device Name	Traffic left										
<input type="checkbox"/> hj	12.00 GB										
<input type="checkbox"/> T	12.00 GB										
<input type="checkbox"/> tunnel test	12.00 GB										
<input checked="" type="checkbox"/> Daisy07_33	72.00 GB										
<p>Allocate Device</p> <p>Kindly reminder : Not changeable after allocated to devices, please conduct allocation with caution.</p> <p>Device Name <input type="text"/></p> <p>Device Name <input type="checkbox"/> hj <input type="checkbox"/> T <input type="checkbox"/> tunnel test <input checked="" type="checkbox"/> Daisy07_33</p> <p>Allocate services to Daisy07_33?</p> <ul style="list-style-type: none"> Not changeable after allocated to devices, please conduct allocation with caution. The traffics that expires first will be used first. <p><input type="button" value="Cancel"/> <input type="button" value="Confirmed"/></p> <p>12.00 GB 12.00 GB 72.00 GB</p> <p>Total: 4 < 1 > 10 / page</p> <p><input type="button" value="Cancel"/> <input type="button" value="Confirm allocation"/></p>											
<p>As shown in the picture above</p> <p>1、Remote Access billing card activation process: Click “Top up Now” button, enter the correct</p>											

Description	Default
<p>card number and card secret of the billing card -> Click “Next” button to confirm the content of the billing card -> Click “Activate Now” button, the billing card will be activated successfully.</p> <p>2、Allocate Device: The billing card activated successfully can be allocate to devices immediately. Once Remote Access is bound to a device, it does not support to unbind it and bind it to other devices.</p> <div data-bbox="134 557 1140 720" style="border: 1px solid black; padding: 10px;"> <p>Notification</p> <p> After the activation of the card, the card package will be effective immediately, please use the card package within the validity period.</p> </div>	

- Remote access billing card – Allocate Billing card:



Billing card allocation (Billing Management/My Account/Remote Access)				
Activated Date	Billing Card Name	Card Number	Valid Through	Operation
2024-11-08	Remote Access 36G	TR40003611040003	2024-11-08 - 2025-11-08	

Description	Default										
<p>Allocate Device</p> <p>Kindly reminder : Not changeable after allocated to devices, please conduct allocation with caution.</p> <p>Device Name <input type="text"/> Search</p> <table border="1"> <thead> <tr> <th>Device Name</th> <th>Traffics left</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> hj</td> <td>12.00 GB</td> </tr> <tr> <td><input type="checkbox"/> T</td> <td>12.00 GB</td> </tr> <tr> <td><input type="checkbox"/> tunnel test</td> <td>12.00 GB</td> </tr> <tr> <td><input checked="" type="checkbox"/> Daisy07_33</td> <td>72.00 GB</td> </tr> </tbody> </table> <p>Total: 4 < 1 > 10 / page</p> <p><input type="button" value="Cancel"/> <input type="button" value="Confirm allocation"/></p>	Device Name	Traffics left	<input type="checkbox"/> hj	12.00 GB	<input type="checkbox"/> T	12.00 GB	<input type="checkbox"/> tunnel test	12.00 GB	<input checked="" type="checkbox"/> Daisy07_33	72.00 GB	
Device Name	Traffics left										
<input type="checkbox"/> hj	12.00 GB										
<input type="checkbox"/> T	12.00 GB										
<input type="checkbox"/> tunnel test	12.00 GB										
<input checked="" type="checkbox"/> Daisy07_33	72.00 GB										

● Billing Card Usage

As shown in the figure, all activated Remote Access billing cards for this account are displayed (active/deactivated cards will be shown here):

Remote Access

Top up now

Traffic Card ⚙

Left/Unit : 1 Total/Unit : 5

Usage of billing card (Billing Management/My Account/Remote Access)

Total cards	Active cards	Outdated cards
5	5	0

Status Device Name Select Activated Date Select Activated Date Search

Billing Card Name	Card Number	Status	Activated Date	Valid Through	Allocated on	Device Name	Traffics left of the card	Traffics left of the device	
Remote Access 36G	TRA0003611040003	Active	Not allocated	2024-11-08	2024-11-08 – 2025-11-08	--	<input type="checkbox"/>	36.00 GB	--
Remote Access 64G	TRA0006011040002	Active		2024-11-06	2024-11-06 – 2025-11-06	2024-11-06	07-40(The device has been unbind from this account)	59.84 GB	0.00 MB
Remote Access 64G	TRA00060011040001	Active		2024-11-05	2024-11-05 – 2025-11-05	2024-11-05	Daisy07_33	60.00 GB	72.00 GB
Remote Access 36G	TRA0003611040002	Active		2024-11-05	2024-11-05 – 2025-11-05	2024-11-05	07-40(The device has been unbind from this account)	0.00 MB	0.00 MB
Remote Access 36G	TRA0003611040001	Active		2024-11-05	2024-11-05 – 2025-11-05	2024-11-05	Daisy-10_21(The device has been unbind from this account)	36.00 GB	0.00 MB

Total: 5 < 1 > 10 / page

Click Traffics left of the device to view the device's traffic history.

Description							Default
Daisy07_33-Valid period of Traffics							

1.2.5.2 Billing Records

You can find billing records and other card information in the **Billing Records** tab.

Billing Management / Billing Records						English	EleQA7@gmail.com	Logout
Billing Card Type	Card Number	Select Activated Date	Select Activated Date	Search				
Remote Access 36G	TRA0003611040003	Active	2024-11-08	2024-11-08 ~ 2025-11-08	eleqa7@gmail.com			
Remote Access 60G	TRA0006011040002	Active	2024-11-06	2024-11-06 ~ 2025-11-06	eleqa7@gmail.com			
Remote Access 60G	TRA0006011040001	Active	2024-11-05	2024-11-05 ~ 2025-11-05	eleqa7@gmail.com			
Remote Access 36G	TRA0003611040002	Active	2024-11-05	2024-11-05 ~ 2025-11-05	eleqa7@gmail.com			
Remote Access 36G	TRA0003611040001	Active	2024-11-05	2024-11-05 ~ 2025-11-05	eleqa7@gmail.com			
Cloud Application 1000TAG	TCA0100024352602	Active	2024-09-13	2024-09-13 ~ 2025-09-13	eleqa7@gmail.com			
Cloud Application 500TAG	TCA0050024352606	Active	2024-09-13	2024-09-13 ~ 2025-09-13	eleqa7@gmail.com			

1.2.6 Message Center

1.2.6.1 Alarm Records

Alarm records displays all the alarm messages of the current device, users can batch/full acknowledge and recovery alarms from this page. Users can also query alarm time, device name/alarm name, and level. Alarm records can also be exported in .xlsx file format.

1.2.6.2 Billing Message

1.2.6.2.1 Message pop-up windows

Users log in to the DIACloud platform and are populated with device alarm that occurred today, push billing messages, and system notifications that were pushed today.

[All Read]: Mark all unread messages today as read.

[View All]: Jump to the list of billing messages to view all information.

Click the icon to read a single message.

Alarm tab:

Today's alarms are displayed. Users can also click View All and Handle Alarms at the bottom of the page, and the page will jump to the alarm records after you click on it.

Message Center / Alarm Records

Device Name: Prj_07_35

Alarm Time: 2025-04-23 11:32:08, 2025-04-18 16:22:48, 2025-04-18 16:22:48, 2025-04-18 15:23:24

Status: Alarm, Alarm, Alarm, Alarm

Level: Serious, General, Slight, Lighter

Responder: --, --, --, --

Recovery Time: --, --, --, --

Type: C, C, C, Lc

Total: 4 | 1 | 10 / page

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1.2.6.2.2 Alarm Notifications

Mouse over the alarm notification icon in the upper-right corner  to show all outstanding alarms.

Alarm

Prj_07_35

Serious, On, Alarm

2025-04-23 11:32:08

Prj_07_35

General, Off, Alarm

2025-04-18 16:22:48

Prj_07_35

Slight, Off, Alarm

2025-04-18 16:22:48

View all and handle alarms >

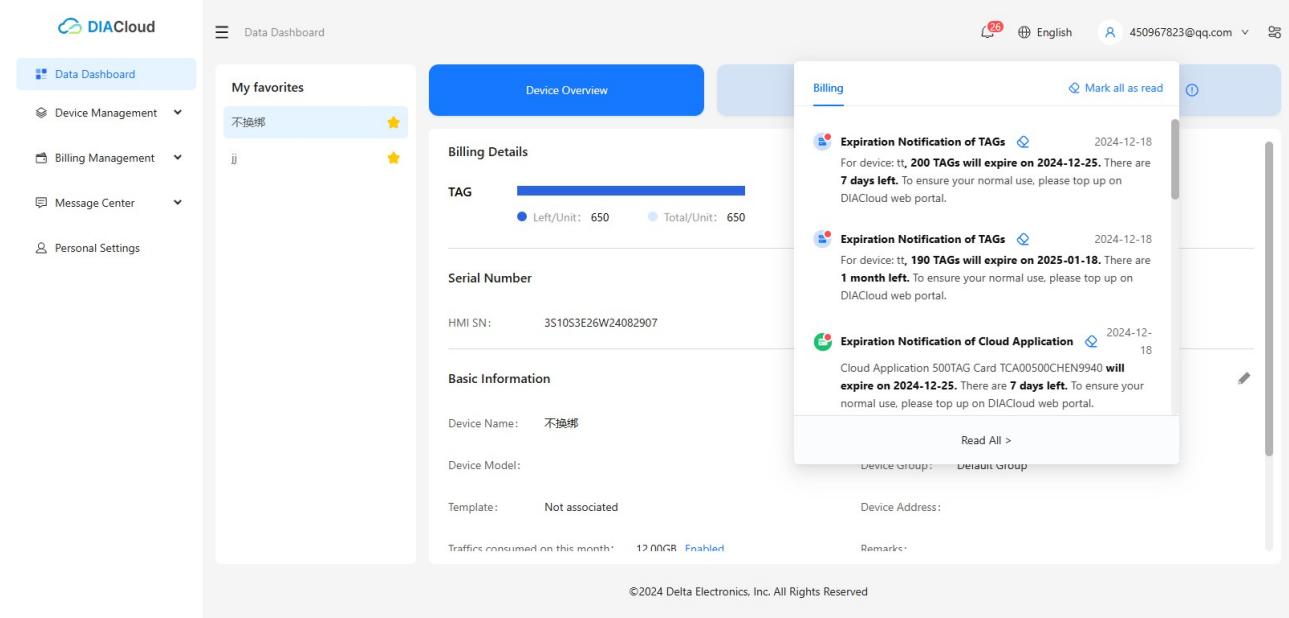
1.2.6.2.3 Notification

Mouse over the notification icon  in the upper right corner to display all unread messages.

[Read All]: Marks all unread billing messages under this account as read.

[View All]: Jump to the list of billing messages to view all the information.

Tap the message type icon  to read a single message.



1.2.6.2.4 Message List

Add menu [Message Center - Billing Messages] to show all unread messages.

Users can enter the billing message interface, view all unread messages by default, and switch to [All] to view all billing messages of this account.

Users can filter messages by message type (multiple choices), device name, card number, and time.

Read All]: Marks all unread billing messages under this account as read.

The message list can be categorized into the following message types:

1. Remote Access expiration reminder

- (1) When Remote Access expires, a reminder will be sent to the recharged account.
- (2) Reminder rules: Send one reminder each one month / 7 days / 1 day / the same day in advance.

2. Cloud Application card expiration reminder

- (1) When Cloud Application expires, send a reminder to the recharge account.
- (2) Reminder rule: Send a reminder once a month / 7 days / 1 day / the same day.

3. Equipment TAG expiration reminder

- (1) When the device TAG expires, a reminder will be sent to the currently bound account of the device.
- (2) Reminder rule: Send a reminder once a month / 7 days / 1 day / the same day.

4. Reminders for insufficient device traffic

- (1) Reminder will be sent to the current bonded account of the device when the device traffic is insufficient.
- (2) Reminder rule: Reminder will be sent once when there is 100M / 50M / 0M left.

5. Account Tag Insufficiency Reminder

- (1) When the account tag is insufficient, send an expiration reminder to the rechargeable account.
- (2) Reminder rule: send a reminder once for each of the remaining 100, 50, and 0 quantites.

Message Center / Billing Message

All 225 New 26

Message Type Device Name Card Number Start Time End Time Search Mark all as read

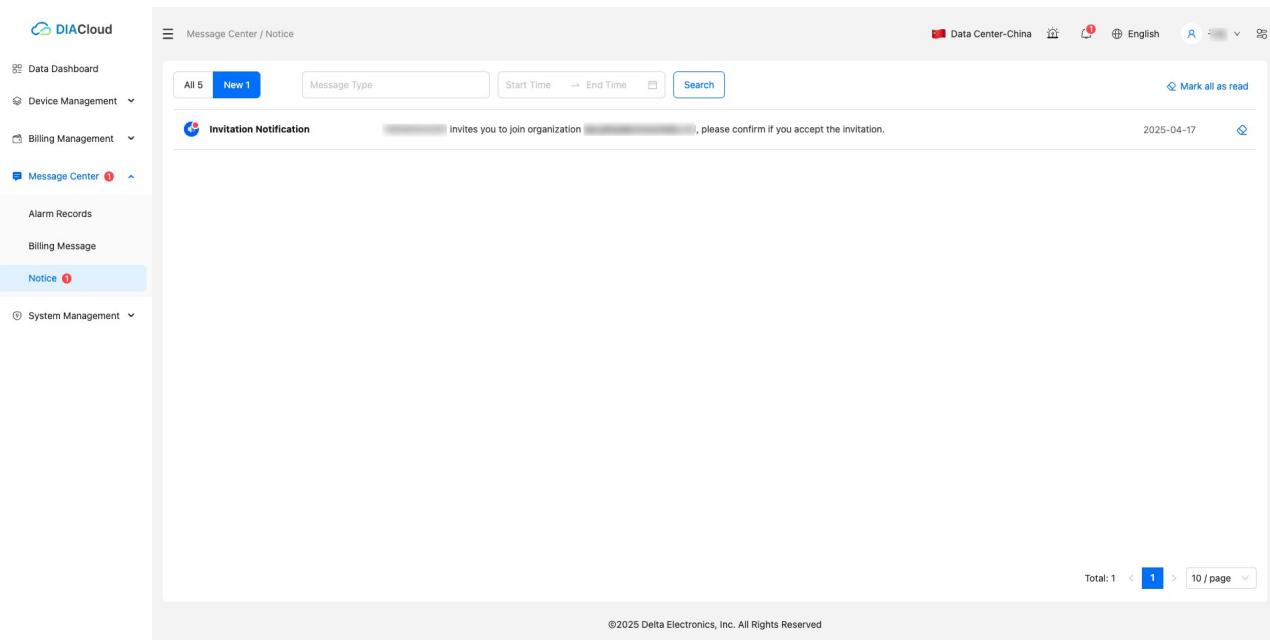
Notification Type	Details	Date
Expiration Notification of TAGs	For device: tt, 200 TAGs will expire on 2024-12-25. There are 7 days left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of TAGs	For device: tt, 190 TAGs will expire on 2025-01-18. There are 1 month left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Cloud Application	Cloud Application 500TAG Card TCA00500CHEN9940 will expire on 2024-12-25. There are 7 days left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Cloud Application	Cloud Application 500TAG Card TCA00500CHEN9941 will expire on 2025-01-18. There are 1 month left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of TAGs	For device: tt, 200 TAGs has expired on 2024-12-18. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of TAGs	For device: tt, 200 TAGs will expire on 2024-12-19. There are 1 day left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Cloud Application	Cloud Application 500TAG Card TCA00500CHEN9938 has expired on 2024-12-18. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Cloud Application	Cloud Application 500TAG Card TCA00500CHEN9939 will expire on 2024-12-19. There are 1 day left. To ensure your normal use, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Remote Access Card	Remote Access 36G Card TRA00036CHEN9952 will expire on 2024-12-25. There are 7 days left. If you still need to use it, please top up on DIACloud web portal.	2024-12-18
Expiration Notification of Remote Access Card	Remote Access 36G Card TRA00036CHEN9960 will expire on 2024-12-25. There are 7 days left. If you still need to use it, please top up on DIACloud web portal. (Device name: 换房CN1218)	2024-12-18

Total: 26 < 1 2 3 > 10 / page Go to

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1.2.6.2.5 Notice

- Support all read system announcement.
- Notification of accepting someone's invitation to join the team.
- View notification of your own removal from the team.



1.2.7 System Management

Configure the user's personal settings, user management, role management, and security zones.

1.2.7.1 Personal Settings

User can change the user name, team name, and reset password.

Account Settings Main Account

Account:

User Name:

* Data Center:

Mobile: Used for messaging devices - receiving channel information, not used for account login

Team Name: Submit

Password Settings

Account:

* Old Password: ...

* New Password: ...

* Confirm Password: ...

Submit

Description	Default
Account	
Display DIACloud login account	Login account
User Name	

Description	Default
Set the username	N/A
Data Center	
The data center that the account is connected to.	China
Mobile	
The mobile phone number used while registering this account is currently limited to the international area code +86	+86
Team Name	
Team name entered during account registration.	N/A

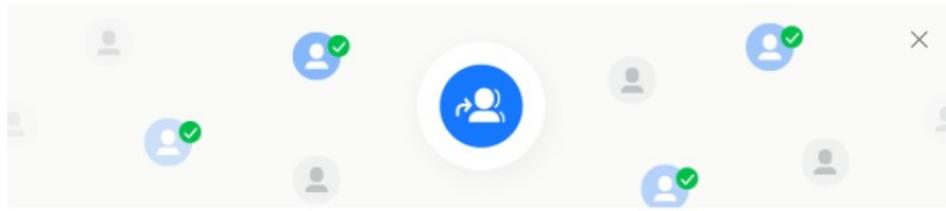
Description	Default
Account	
Display DIACloud login account	Login account
Old Password	
Enter the password for last login	N/A
New Password	
Enter new password	N/A
Confirm password	
Enter the same password as your new password	N/A

1.2.7.2 User Management

The main account can invite sub-accounts, assign sub-account privileges and data privileges, or move sub-accounts out of the team

When inviting users, please make sure that both of the following actions have been completed.

- ✓ The user you want to invite is in the same team name and the same data center
- ✓ The role name has been created for the main account.



Invitation Notification

eleqa7@gmail.com invites you to join organization **HMI-Test_Team**

- If there are existing devices, templates, top-up points in your account, it's suggested to join the organization with a new account.
- If there are history data in the account, the data should be cleared manually (unbind devices, remove templates) before join a new organization. The data removed is not recoverable.
- The top-up cards and top-up records won't be cleared, but the existing top-up cards won't be migrated to the new organization and there is no visible recharge record and no recharge records can be seen.
- If the data is cleared, the TAGs and traffic quota already allocated will remain valid.
- After join the organization, the privilege of the account will be set by the main account.
- If needed, the invitation need to be re-initiated after it's declined.

[Decline the invitation](#)

[Accept and login again](#)

Invitation Notice

DIACloud@diacloudsolutions.com
To: [REDACTED]
External

(1) This sender DIACloud@diacloudsolutions.com is from outside your organization.
(2) If there are problems with how this message is displayed, click here to view it in a web browser.



邀请通知

eleqa7@gmail.com 邀请您加入团队 **HMI-Test_Team**

若您账号上存在设备、模板、计费卡等信息，建议您注册新的账号加入团队
账号下如有数据，需手动清空数据（解绑设备、删除模板）后方可加入团队，且数据不可恢复
计费卡以及充值记录不会被清除，但个人充值卡无法带入到团队账号下并看不见充值记录
清空数据之后，不影响已分配出去的TAG和流量
成功加入团队后，账号权限将由主账号分配
拒绝邀请后，如需再次加入该团队，可请邀请人重新发起邀请

Invitation Notification

eleqa7@gmail.com invites you to join organization **HMI-Test_Team**

If there are existing devices, templates, top-up points in your account, it's suggested to join the organization with a new account
If there are history data in the account, the data should be cleared manually (unbind devices, remove templates) before join a new organization. The data removed is not recoverable.
The top-up cards and top-up records won't be cleared, but the existing top-up cards won't be migrated to the new organization and there is no visible recharge record.
If the data is cleared, the TAGs and traffic quota already allocated will remain valid.
After join the organization, the privilege of the account will be set by the main account.
If needed, the invitation need to be re-initiated after it's declined.

When inviting users, the account can be either a mailbox or a cell phone number. The system will automatically determine if the user has been added to the same team. If the user is in the same team, when clicking on the character name, the character name created by the main account will be displayed.

Invite Users X

It's only allowed to invite the users under the same data center

* Data Center:  China

* Account: Email Mobile

* Role Name:

Device Groups:
SysAdmin
M_Maker

Template:
IE
Security

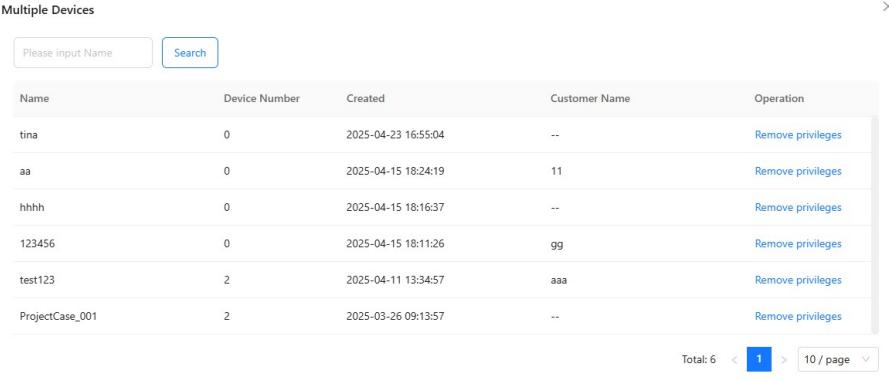
Multiple Devices:
Production

Cancel Confirmed

Manage the assignment of roles and data privileges to invited users.

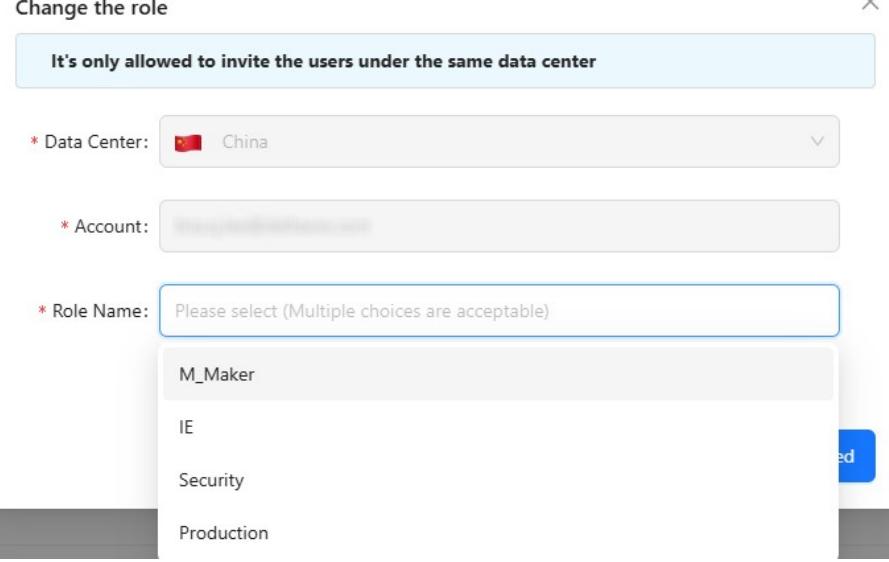
Description	Default
No.	
Serial number.	1
Account	
Display main account as default. When a user is invited, the invited user's account will also be displayed.	Login account
Username	
Set the username of the account.	N/A
The time the invitation was accepted	
Shows how long it takes for a user to click Accept after being invited.	N/A
Role Name	
There is a pre-existing system administrator role that belongs to the main account. If the invited user has other roles, you can click  Enter to view the role details.	Administrator

Description		Default																																																																		
<p>Role name</p> <div style="display: flex; align-items: center;"> <input type="text" value="Role name"/> Search </div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Role name</th> <th>Created</th> <th>Description</th> <th>Operation</th> </tr> </thead> <tbody> <tr> <td>SysAdmin</td> <td>2025-04-24 09:44:07</td> <td>Manage the stability of factory IoT system.</td> <td>Edit</td> </tr> </tbody> </table>	Role name	Created	Description	Operation	SysAdmin	2025-04-24 09:44:07	Manage the stability of factory IoT system.	Edit																																																												
Role name	Created	Description	Operation																																																																	
SysAdmin	2025-04-24 09:44:07	Manage the stability of factory IoT system.	Edit																																																																	
Device Groups																																																																				
<p>Default is all.</p> <p>If the invited users have other device groups, they can click  to view the details of the device groups.</p>		All																																																																		
<p>Device Groups</p> <div style="display: flex; align-items: center;"> Default Group <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Device Name</th> <th>Device SN</th> <th>Device Model</th> </tr> </thead> <tbody> <tr> <td>hj</td> <td>--</td> <td>--</td> </tr> <tr> <td>T</td> <td>--</td> <td>--</td> </tr> </tbody> </table> </div>		Device Name	Device SN	Device Model	hj	--	--	T	--	--																																																										
Device Name	Device SN	Device Model																																																																		
hj	--	--																																																																		
T	--	--																																																																		
Template																																																																				
<p>Default is all.</p> <p>Invited users who have other templates can click  to view the template details. Users can also unauthorize the operation of the template under this template details page. Or enter the template name and select the HMI model to query the corresponding template information.</p>																																																																				
<p>Template</p> <div style="display: flex; align-items: center;"> <input type="text" value="Template Name"/> HMI Model Search </div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Template Name</th> <th>HMI Model</th> <th>Device Number</th> <th>Created</th> <th>Customer Name</th> <th>Operation</th> </tr> </thead> <tbody> <tr> <td>Project_Device_10_new</td> <td>DOP-3S10S3E2</td> <td>0</td> <td>2025-04-15 15:03:25</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Project_Device_10</td> <td>DOP-3S10S3E2</td> <td>0</td> <td>2025-04-14 11:24:51</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Project_Device_07</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2025-04-10 14:45:19</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>POSHENG_0213</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2025-02-13 13:46:10</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Demo-Dashboard_Light_V0.0</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2024-08-16 11:53:29</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Demo-Dashboard_V3.1</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2024-08-06 16:04:03</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Demo-Dashboard_V3.0</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2024-08-06 15:18:38</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>Demo-Dashboard</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2024-07-31 18:27:22</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>5003TAG</td> <td>DOP-3S10S3E2</td> <td>0</td> <td>2024-07-31 15:31:25</td> <td>--</td> <td>Remove privileges</td> </tr> <tr> <td>501</td> <td>DOP-3S07S3E2</td> <td>0</td> <td>2024-07-03 16:39:12</td> <td>--</td> <td>Remove privileges</td> </tr> </tbody> </table>		Template Name	HMI Model	Device Number	Created	Customer Name	Operation	Project_Device_10_new	DOP-3S10S3E2	0	2025-04-15 15:03:25	--	Remove privileges	Project_Device_10	DOP-3S10S3E2	0	2025-04-14 11:24:51	--	Remove privileges	Project_Device_07	DOP-3S07S3E2	0	2025-04-10 14:45:19	--	Remove privileges	POSHENG_0213	DOP-3S07S3E2	0	2025-02-13 13:46:10	--	Remove privileges	Demo-Dashboard_Light_V0.0	DOP-3S07S3E2	0	2024-08-16 11:53:29	--	Remove privileges	Demo-Dashboard_V3.1	DOP-3S07S3E2	0	2024-08-06 16:04:03	--	Remove privileges	Demo-Dashboard_V3.0	DOP-3S07S3E2	0	2024-08-06 15:18:38	--	Remove privileges	Demo-Dashboard	DOP-3S07S3E2	0	2024-07-31 18:27:22	--	Remove privileges	5003TAG	DOP-3S10S3E2	0	2024-07-31 15:31:25	--	Remove privileges	501	DOP-3S07S3E2	0	2024-07-03 16:39:12	--	Remove privileges	All
Template Name	HMI Model	Device Number	Created	Customer Name	Operation																																																															
Project_Device_10_new	DOP-3S10S3E2	0	2025-04-15 15:03:25	--	Remove privileges																																																															
Project_Device_10	DOP-3S10S3E2	0	2025-04-14 11:24:51	--	Remove privileges																																																															
Project_Device_07	DOP-3S07S3E2	0	2025-04-10 14:45:19	--	Remove privileges																																																															
POSHENG_0213	DOP-3S07S3E2	0	2025-02-13 13:46:10	--	Remove privileges																																																															
Demo-Dashboard_Light_V0.0	DOP-3S07S3E2	0	2024-08-16 11:53:29	--	Remove privileges																																																															
Demo-Dashboard_V3.1	DOP-3S07S3E2	0	2024-08-06 16:04:03	--	Remove privileges																																																															
Demo-Dashboard_V3.0	DOP-3S07S3E2	0	2024-08-06 15:18:38	--	Remove privileges																																																															
Demo-Dashboard	DOP-3S07S3E2	0	2024-07-31 18:27:22	--	Remove privileges																																																															
5003TAG	DOP-3S10S3E2	0	2024-07-31 15:31:25	--	Remove privileges																																																															
501	DOP-3S07S3E2	0	2024-07-03 16:39:12	--	Remove privileges																																																															
Multiple Devices																																																																				
Default is all.		All																																																																		

Description	Default
<p>If the invited user has other multiple devices, users can click  to view the details of the items. Users can also unauthorized the operation of the multiple devices under this multiple devices' details page. Or also can enter the name of multiple devices item to query the information of the corresponding multiple devices item.</p> 	

Operation

-  Change the role
 - Change the role of user.

	N/A
--	-----

-  Data privileges
 - Added user data privileges for device grouping, templates, and

Description	Default
<p>multiple devices items.</p> <p>Add data privileges X</p> <p>Device Groups: Please select (Multiple choices are acceptable)</p> <p>Template: Please select (Multiple choices are acceptable)</p> <p>Multiple Devices: Please select (Multiple choices are acceptable)</p> <p style="text-align: right;">Cancel Confirmed</p> <p>●  Delete</p> <p>➤ Deletes the user. After clicking the button, it will check whether to delete the user again.</p> <p>Delete X</p> <p>Delete [REDACTED] from the organization?</p> <p>Once deleted, the invitations, sent by the user but not accepted, will be voided.</p> <p style="text-align: right;">Cancel Delete</p>	

1.2.7.3 Role Management

Users can add, edit, and delete roles here, and assign platform operation privileges to roles as well as add new security zones and bind security zones to roles.

No.	Role Name	Security Zone	Description	Operation
1	Administrator	All	All privileges in the platform	
2	Production	PROD1	Monitor production line performance	
3	IE	EQUIPMENT1, PROD1	Manage the status of all equipment	
4	SysAdmin	EQUIPMENT1	Manage the stability of factory IoT system.	
5	Security	PROD1, EQUIPMENT1, SECURITY1	Manage the security of IoT devices.	
6	M_Maker		Responsible for designing	

Total: 5 < > 10 / page

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By default, only the system administrator, as the user of the main account, can create the roles

needed in the team, then invite users and assign roles to the corresponding permissions.

Description		Default
No.		
Serial number.		1
Role Name		
A system administrator role exists by default and belongs to the main account.		Administrator
Displays all role names under the main account.		
Security Zone		
Default is all.		All
Displays all established security zones.		
Description		
The default is to have all permissions for the platform.		All privileges in the platform
Displays the description created when you create a new role.		
Operation		
Edit		N/A

Description	Default																		
<ul style="list-style-type: none"> ➤ Change the user's role permissions and security zones. <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="flex: 1;"> <p>Edit the role</p> <p>* Role Name: <input type="text" value="Production"/></p> <p>Description: <input type="text" value="Monitor production line performance"/></p> <p>Security Zone: <input type="text" value="PROD1"/> +</p> <p>DIACom: <input type="checkbox"/> When it is turned on, you can see your authorized devices in DIACom.</p> </div> <div style="flex: 1; border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Privilege settings:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Menu Bar</th> <th style="width: 15%;">Select All</th> <th style="width: 70%;">Operation Privilege</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"><input checked="" type="checkbox"/> Data Dashboard</td> <td style="padding: 5px;"><input checked="" type="checkbox"/> Select All</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"><input checked="" type="checkbox"/> Device Management</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Billing Management</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Message Center</td> <td style="padding: 5px;"><input checked="" type="checkbox"/> Data Dashboard</td> <td style="padding: 5px;"><input checked="" type="checkbox"/> Open</td> </tr> <tr> <td style="padding: 5px;">System Management</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> </tbody> </table> </div> </div> <p style="text-align: right; margin-top: 10px;"> Cancel Confirmed </p> </div>	Menu Bar	Select All	Operation Privilege	<input checked="" type="checkbox"/> Data Dashboard	<input checked="" type="checkbox"/> Select All		<input checked="" type="checkbox"/> Device Management			Billing Management			Message Center	<input checked="" type="checkbox"/> Data Dashboard	<input checked="" type="checkbox"/> Open	System Management			
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<p>Tips</p> <p>Failed to delete Production</p> <p>Please remove all the users with this role before remove the role</p> <p style="text-align: right; margin-top: 20px;"> OK </p>																			
<p>+ Add Security Zone</p>																			
<p>Create the name of the security zone with the roles of the accessible components and a description of the associated description.</p>	N/A																		

Description	Default
<p>Add Security Zone X</p> <p>* Name: <input type="text" value="Please input alphabetic characters or numbers"/></p> <p>Role Name: <input type="text" value="Please select (Multiple choices are acceptable)"/></p> <p>Description: <input type="text" value="Please input"/></p> <p style="text-align: right;">Cancel Confirmed</p>	

This function is used with DIAWebDesigner.

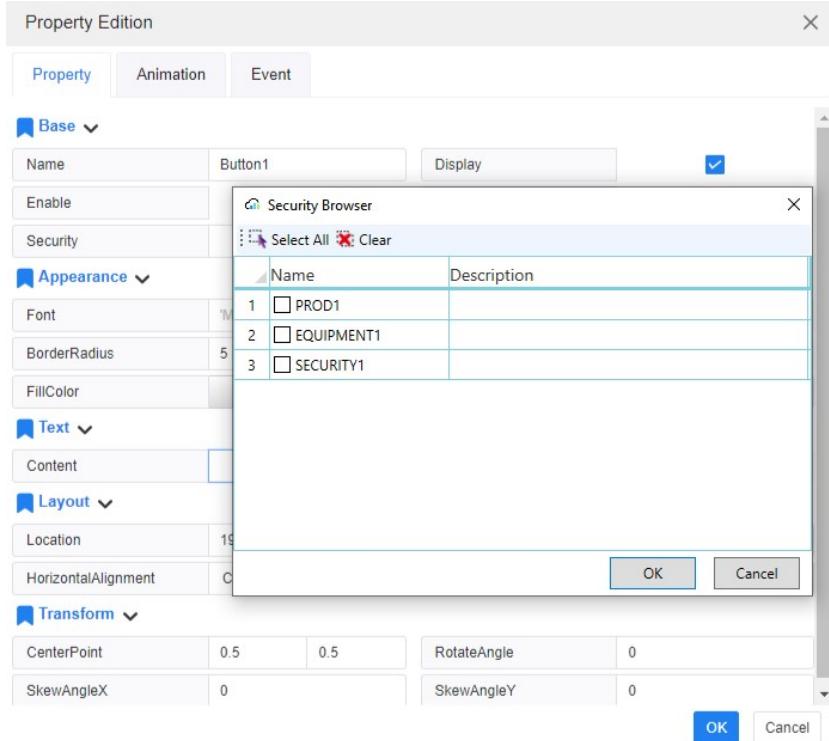
After creating security zones and roles on the platform, users can bind a template with DIAWebDesigner and distribute the security zones and roles created on the platform to DIAWebDesigner.

System Management / Security Zone

Search

No.	Security Zone	Role Name
1	PROD1	Security, IE, Production
2	EQUIPMENT1	IE, SysAdmin, Security
3	SECURITY1	Security

Then create a component in DIAWebDesigner and set its security to restrict access to the component by the roles.

Description	Default																																				
 <p>Property Edition</p> <p>Property Animation Event</p> <p>Base</p> <table border="1"> <tr> <td>Name</td> <td>Button1</td> <td>Display</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Enable</td> <td colspan="3"><input type="checkbox"/></td> </tr> <tr> <td>Security</td> <td colspan="3"> <input type="checkbox"/> Select All <input type="checkbox"/> Clear <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1 <input type="checkbox"/> PROD1</td> <td></td> </tr> <tr> <td>2 <input type="checkbox"/> EQUIPMENT1</td> <td></td> </tr> <tr> <td>3 <input type="checkbox"/> SECURITY1</td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td>Appearance</td> <td colspan="3"> <input type="checkbox"/> Font <input type="checkbox"/> BorderRadius <input type="checkbox"/> FillColor </td> </tr> <tr> <td>Text</td> <td colspan="3"> <input type="checkbox"/> Content </td> </tr> <tr> <td>Layout</td> <td colspan="3"> <input type="checkbox"/> Location <input type="checkbox"/> HorizontalAlignment </td> </tr> <tr> <td>Transform</td> <td colspan="3"> <input type="checkbox"/> CenterPoint <input type="checkbox"/> RotateAngle <input type="checkbox"/> SkewAngleX <input type="checkbox"/> SkewAngleY </td> </tr> </table>	Name	Button1	Display	<input checked="" type="checkbox"/>	Enable	<input type="checkbox"/>			Security	<input type="checkbox"/> Select All <input type="checkbox"/> Clear <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1 <input type="checkbox"/> PROD1</td> <td></td> </tr> <tr> <td>2 <input type="checkbox"/> EQUIPMENT1</td> <td></td> </tr> <tr> <td>3 <input type="checkbox"/> SECURITY1</td> <td></td> </tr> </tbody> </table>			Name	Description	1 <input type="checkbox"/> PROD1		2 <input type="checkbox"/> EQUIPMENT1		3 <input type="checkbox"/> SECURITY1		Appearance	<input type="checkbox"/> Font <input type="checkbox"/> BorderRadius <input type="checkbox"/> FillColor			Text	<input type="checkbox"/> Content			Layout	<input type="checkbox"/> Location <input type="checkbox"/> HorizontalAlignment			Transform	<input type="checkbox"/> CenterPoint <input type="checkbox"/> RotateAngle <input type="checkbox"/> SkewAngleX <input type="checkbox"/> SkewAngleY			
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1.2.7.4 Security Zone

1 Users can add, edit, delete security zones and bind security zones to roles.

Description		Default
No.		
Serial number.		1
Security Zone		
Displays all established security zones.		N/A
Role Name		
Displays all role names under the main account.		N/A
Description		
Displays the description created when you create a new security zone.		N/A
Operation		
● Edit ➤ Change the name of security zones and role.		N/A

Description	Default
<p>Edit security zone</p> <p>* Name: PROD1</p> <p>Role Name: IE ✕ Security ✕ Production ✕</p> <p>Description: Please input</p> <p style="text-align: right;">Cancel Confirmed</p>	
<ul style="list-style-type: none"> ● Delete <ul style="list-style-type: none"> ➤ Delete the security zone. ➤ When users delete a security zone, please remove the users under the security zone first. If there are users under the security zone but you want to execute the deletion, the following information notification will be displayed. <p>Tips</p> <p>The following roles in the security zone are in use, cannot be removed.</p> <p>IE ✕ Security ✕ Production</p> <p style="text-align: right;">OK</p>	
<p>+ Add Security Zone</p> <p>Create the name of the security zone with the roles of the accessible components and a description of the associated description.</p>	N/A

Description	Default
<p>Add Security Zone X</p> <p>* Name: <input type="text" value="Please input alphabetic characters or numbers"/></p> <p>Role Name: <input type="text" value="Please select (Multiple choices are acceptable)"/></p> <p>Description: <input type="text" value="Please input"/></p> <p style="text-align: right;">Cancel Confirmed</p>	

This function is used with DIAWebDesigner.

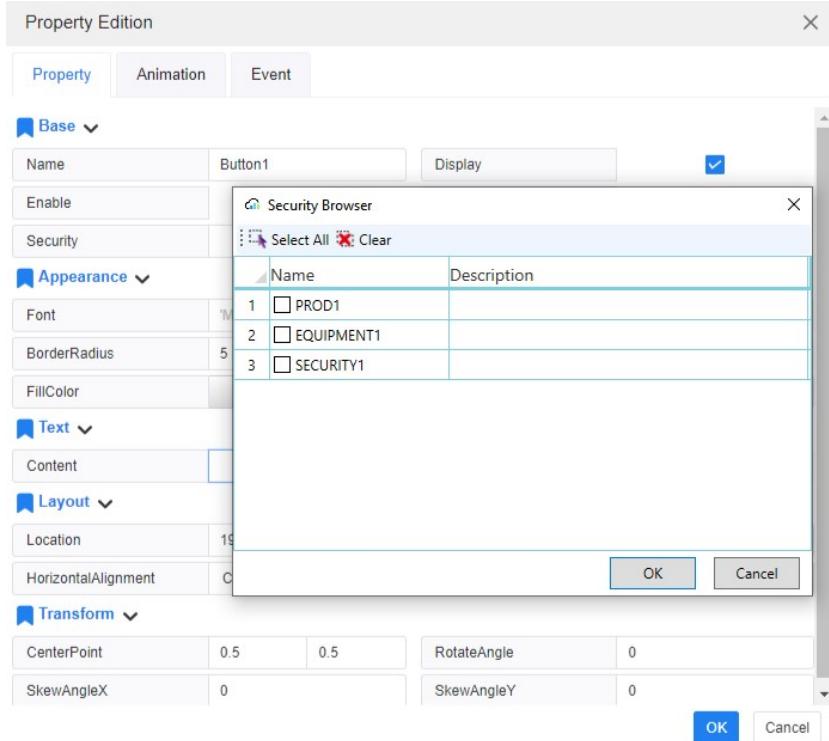
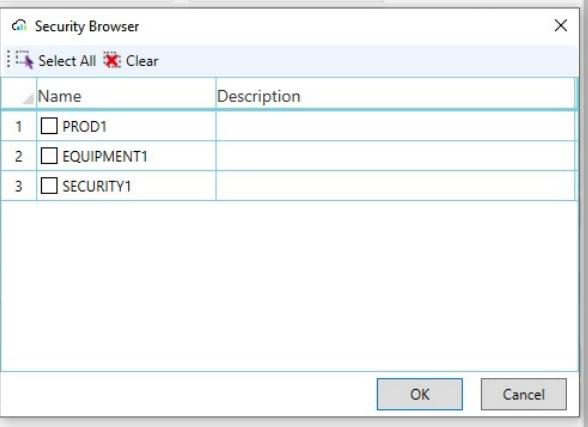
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System Management / Security Zone

Search

No.	Security Zone	Role Name
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3	SECURITY1	Security

Then create a component in DIAWebDesigner and set its security to restrict access to the component by the roles.

Description	Default																		
 <p>Property Edition</p> <p>Property Animation Event</p> <p>Base</p> <p>Name: Button1</p> <p>Enable: <input checked="" type="checkbox"/></p> <p>Security: </p> <p>Appearance</p> <p>Font: 14px</p> <p>BorderRadius: 5px</p> <p>FillColor: #0072BC</p> <p>Text</p> <p>Content: <input type="text"/></p> <p>Layout</p> <p>Location: 190, 150</p> <p>HorizontalAlignment: Center</p> <p>Transform</p> <p>CenterPoint: 0.5, 0.5</p> <p>RotateAngle: 0</p> <p>SkewAngleX: 0</p> <p>SkewAngleY: 0</p>																			
<p>Note: For details, please refer to Chapter 6 Security in the DIAWebDesigner manual.</p> <p>+ Add Role</p> <p>Create a new role name, and set the privileges for the features their role can access on the platform, as well as the corresponding security zones.</p> <p>Add Role</p> <p>* Role Name: <input type="text"/></p> <p>Description: <input type="text"/></p> <p>Security Zone: <input type="text"/> +</p> <p>DIACom: <input checked="" type="checkbox"/> When it is turned on, you can see your authorized devices in DIACom.</p> <p>Privilege settings:</p> <table border="1"> <thead> <tr> <th>Menu Bar</th> <th><input type="checkbox"/> Select All</th> <th>Operation Privilege</th> </tr> </thead> <tbody> <tr> <td>Data Dashboard</td> <td><input type="checkbox"/> Data Dashboard</td> <td><input type="checkbox"/> Open</td> </tr> <tr> <td>Device Management</td> <td></td> <td></td> </tr> <tr> <td>Billing Management</td> <td></td> <td></td> </tr> <tr> <td>Message Center</td> <td></td> <td></td> </tr> <tr> <td>System Management</td> <td></td> <td></td> </tr> </tbody> </table> <p>Cancel Confirmed</p>	Menu Bar	<input type="checkbox"/> Select All	Operation Privilege	Data Dashboard	<input type="checkbox"/> Data Dashboard	<input type="checkbox"/> Open	Device Management			Billing Management			Message Center			System Management			N/A
Menu Bar	<input type="checkbox"/> Select All	Operation Privilege																	
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Chapter 2 eDIACloud APP

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2.1 eDIACloud App Introduction

After the user logs in to the DIACloud account, eDIACloud not only can synchronize all device information of DIACloud, including device information, HMI screen, tag and other data, but also can bind the device to DIACloud through eDIACloud.

User only needs to download and install the APP (<https://hms.diacloudsolutions.com>) on their mobile devices to experience the flexible and convenient features and instant message reception, which can effectively improve remote monitoring, shorten troubleshooting time, and reduce labor maintenance costs.

2.1.1 Installation Environment/Software Installation

The mobile device software can be downloaded and installed by searching for “DIACloud” in Android Google Play and iPhone App Store.

Users can also scan the QR CODE and select your mobile device as iOS or Android and download the APP directly.



The Android and iPhone OS version supported by the APP are as demonstrated below:

- **Supported OS version**

Mobile	OS version
Android	Android 8.0 or above
iPhone	iOS11 or above

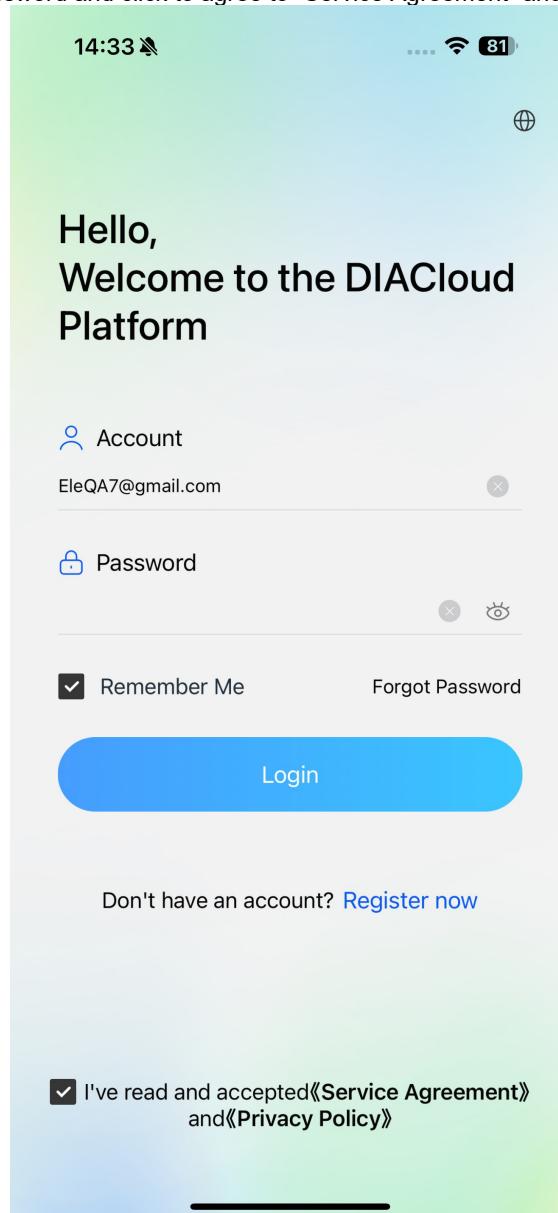
- **Download methods**

Region	Download platform
China	Google Play or APP Store
EMEA / India	Google Play or APP Store

2.2 Login Page

2.2.1 Login

1. After downloading and installing the APP, click the APP icon  and open eDIACloud.
2. Enter DIACloud username, password and click to agree to "Service Agreement" and "Privacy Policy" to log in.



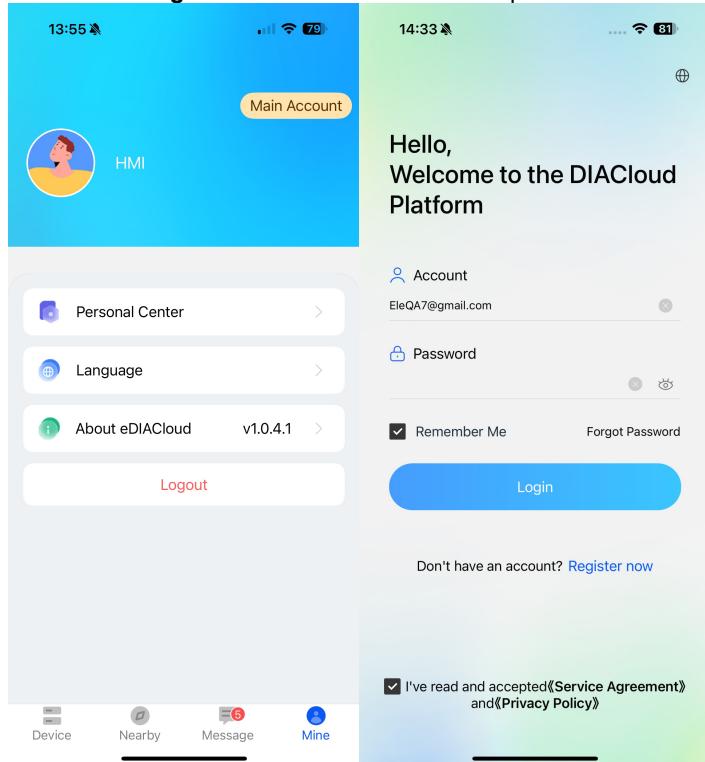
Description	Default
Account	
Enter DIACloud account	N/A
Password	
Enter DIACloud password	N/A
Remember Password	

Description	Default
<ul style="list-style-type: none"> Not checked: Account password will not be recorded. Checked: The account password will be recorded even if the user logs out. 	Not checked
I've read and accepted.	
Before logging in, you must check and agree to the I've read and accepted Service Agreement and Privacy Policy before you can log in to the APP.	Not checked

 Notification After logging out of your account, you will not be able to receive push notification.
--

2.2.2 Logout

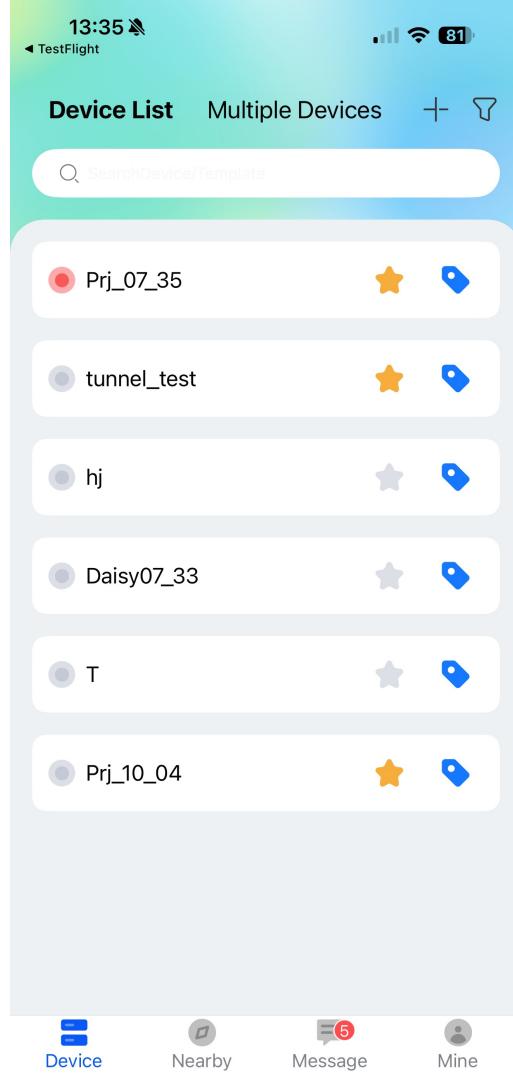
After logging into the APP, click **Mine > Logout** on the menu below to complete the account logout.



2.3 Function Operation

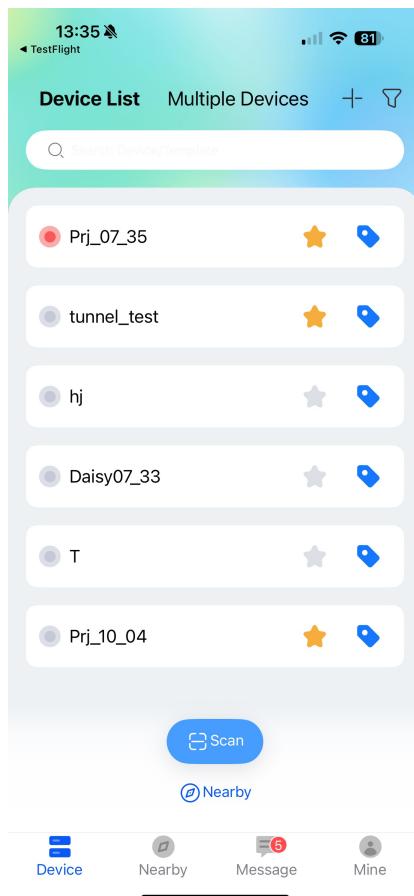
2.3.1 Homepage

Display the device list, multiple devices, search devices and new devices that is bound to DIACloud users.



Click on the upper right icon to bind DIACloud to the device by scanning the device QRCode or Bluetooth device.

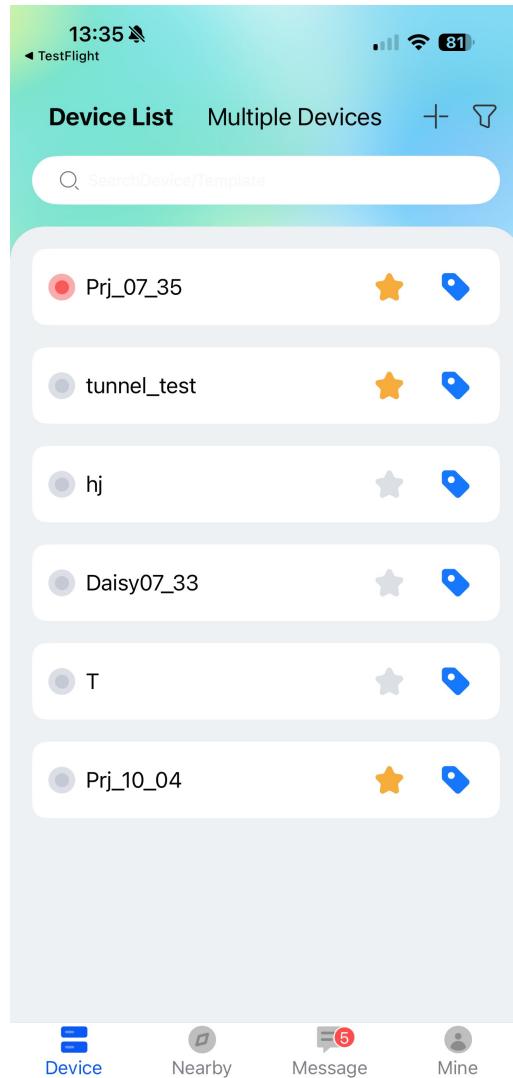
2



Description	Default
Scan Scan the QRCode of the HMI to bind. <div style="display: flex; align-items: center; justify-content: space-between;"> Back Home DOP-300 Series </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <div style="display: flex; justify-content: space-between;"> System Setting Cloud Service ON </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> Device Info Binding HMI Notification Data Plan Info </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px; display: flex; justify-content: space-between;"> Binding HMI to DIACloud QRCode Display </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Reset Dongle PIN Code Reset Dongle License Code Unbind HMI </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> < > </div> </div>	N/A
Nearby Search nearby devices via Bluetooth and bind them.	N/A

2.3.2 Device List

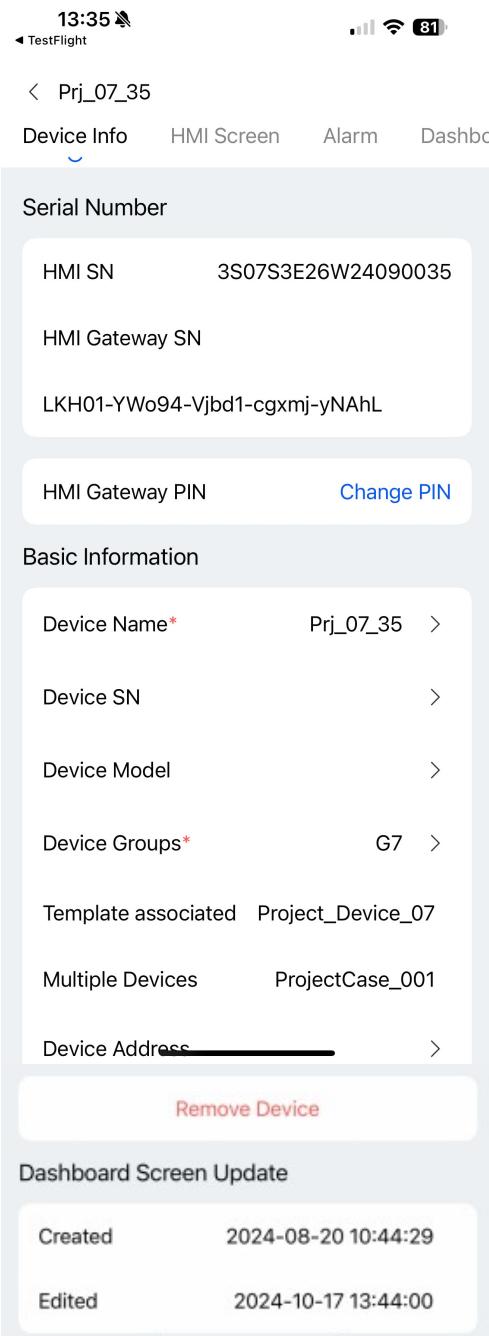
Display the list of devices currently bound to DIACloud, including connection status, device information, screens and dashboards.



Description	Default
Device Status	
●: The device status is online.	
○: The device status is offline.	N/A
●: The device is abnormal, there is an alarm record status.	
Device Name	
Display the name of the device bound to DIACloud.	
★: Included in My Favorite list.	N/A
☆: Not included in My Favorite list.	

Description	Default
<p>• Added device label. If the device does not have a device label set, user can define their own device label, which can be used when searching for devices.</p>	

● Device Information

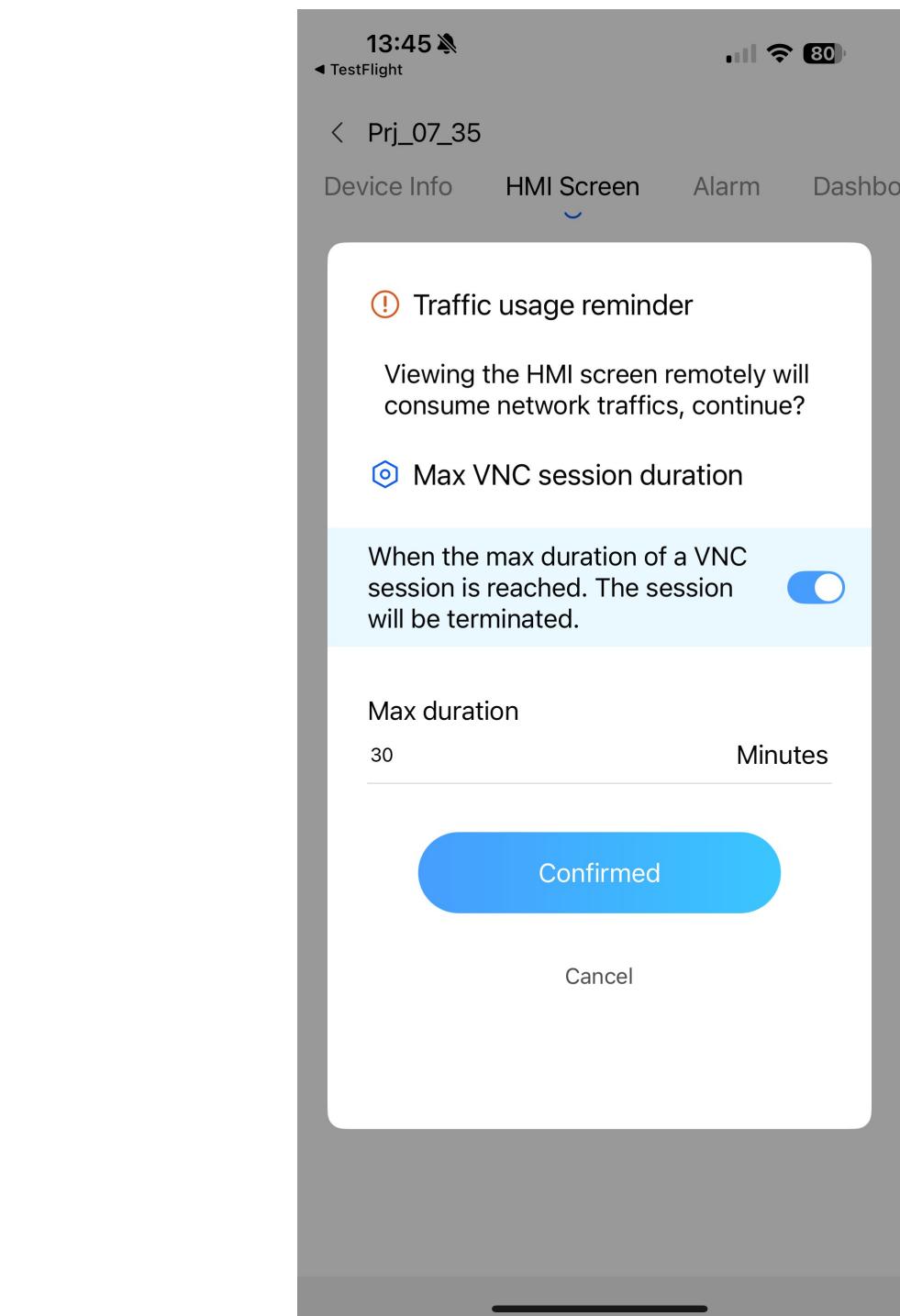


Description	Default
Serial Number	
<ul style="list-style-type: none"> ● HMI SN: Display the device serial number. ● HMI Gateway SN: Display the device gateway serial number. 	N/A
HMI Gateway PIN	
<p>It is mainly used to modify the PIN code on the sticker on the back cover of the HMI.</p> <p>When the customer returns the device and the PIN code on the back cover sticker has changed, user can modify the PIN code through this action.</p>	
Basic Information	
<p>Display the information that the device is bound to DIACloud. Click this item to modify and save it directly.</p> <ul style="list-style-type: none"> ● Device Name: The name of the device bound to DIACloud. ● Device SN: The device serial number that the device is bound to DIACloud. ● Device Model: The model of the device bound to DIACloud. ● Device Groups: The group name of the device bound to DIACloud. ● Template associated: The template name of the device bound to DIACloud. ● Multiple Devices: The name of the multiple devices item that the device is bound to in DIACloud. ● Device Address: Display the detailed address of the device. ● Remarks: Enter the content to be noted. 	N/A
Remove Device	
Delete the device.	N/A
Dashboard Screen Update	
<ul style="list-style-type: none"> ● Created: Display the first binding time of the device. ● Edited: Display the first modification time of the device. 	N/A

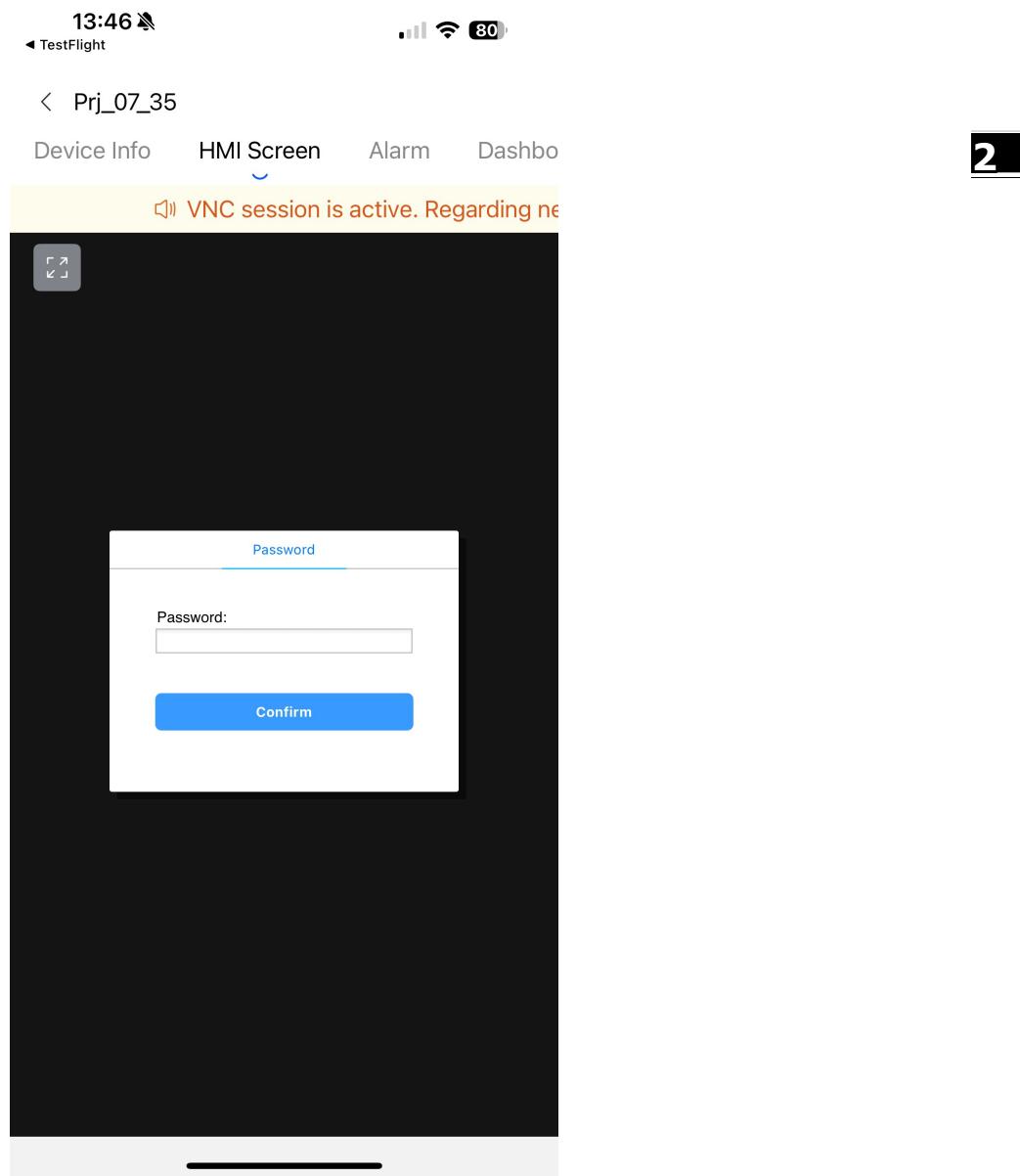
● **HMI Screen**

Through the VNC function, the screen of the actual HMI can be displayed on the handheld device and can be operated directly.

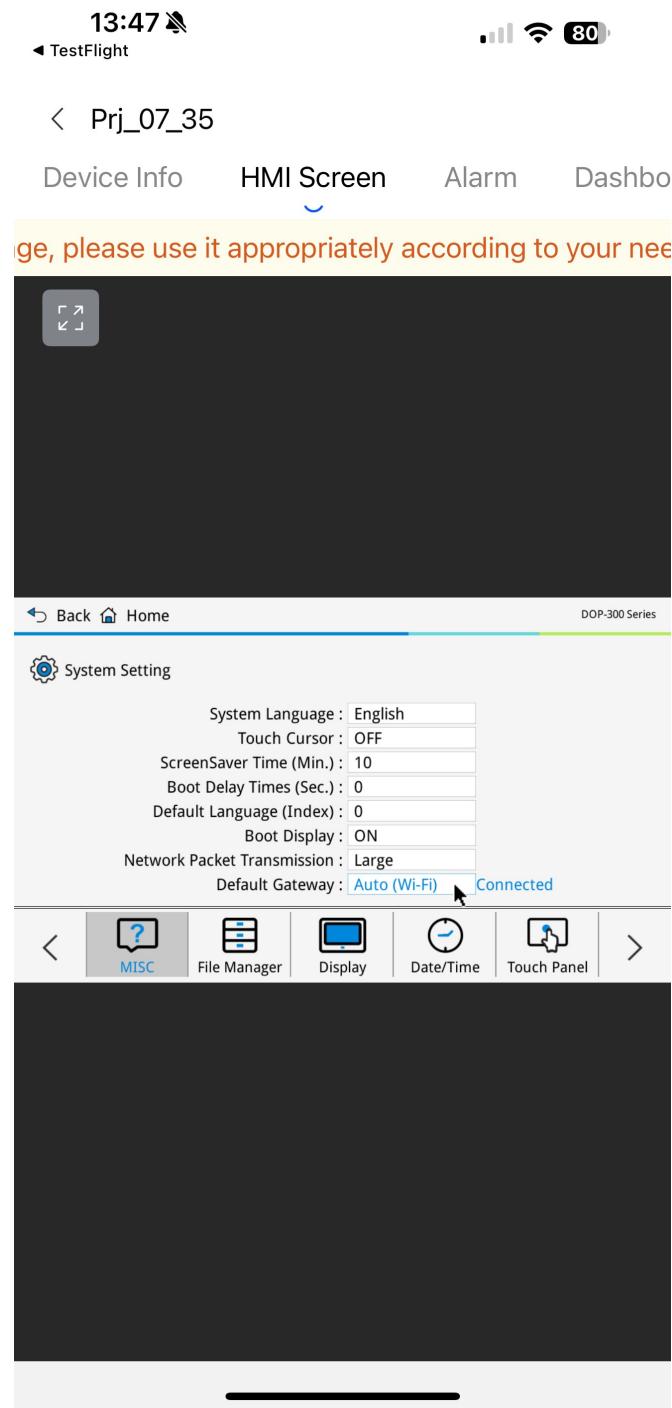
Click on the HMI screen, and the message “**Traffic usage reminder**”... will appear at first.



Select whether to turn off VNC automatically and set the time limit, press OK, the password window will appear, then enter the VNC password and click “Confirm”.

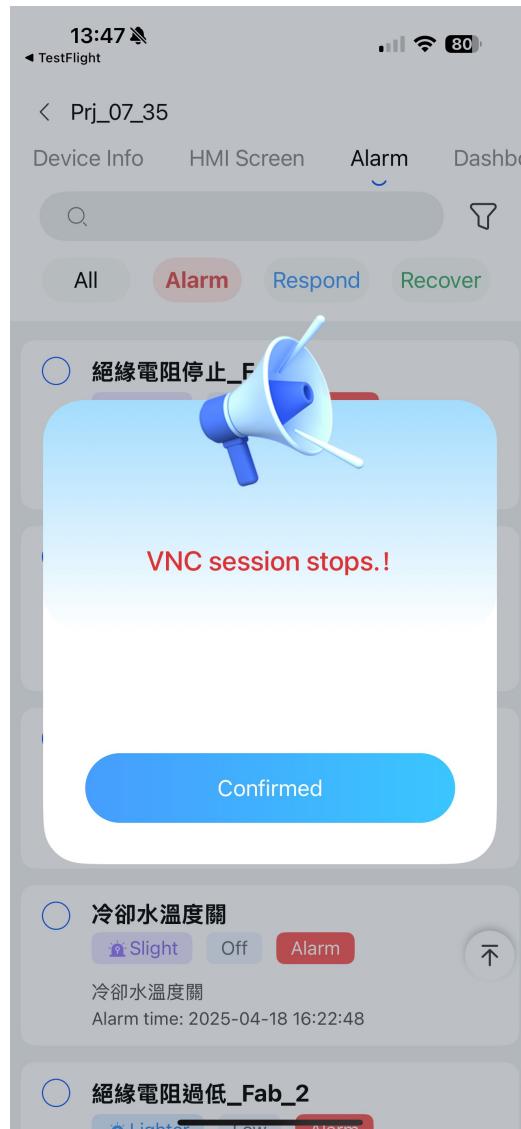


After the connection is successful, the current screen of the device will be displayed on the screen.



Note: Before using this function, please make sure that the VNC function is turned on on the HMI. For related settings, please refer to [DOP related manuals](#).

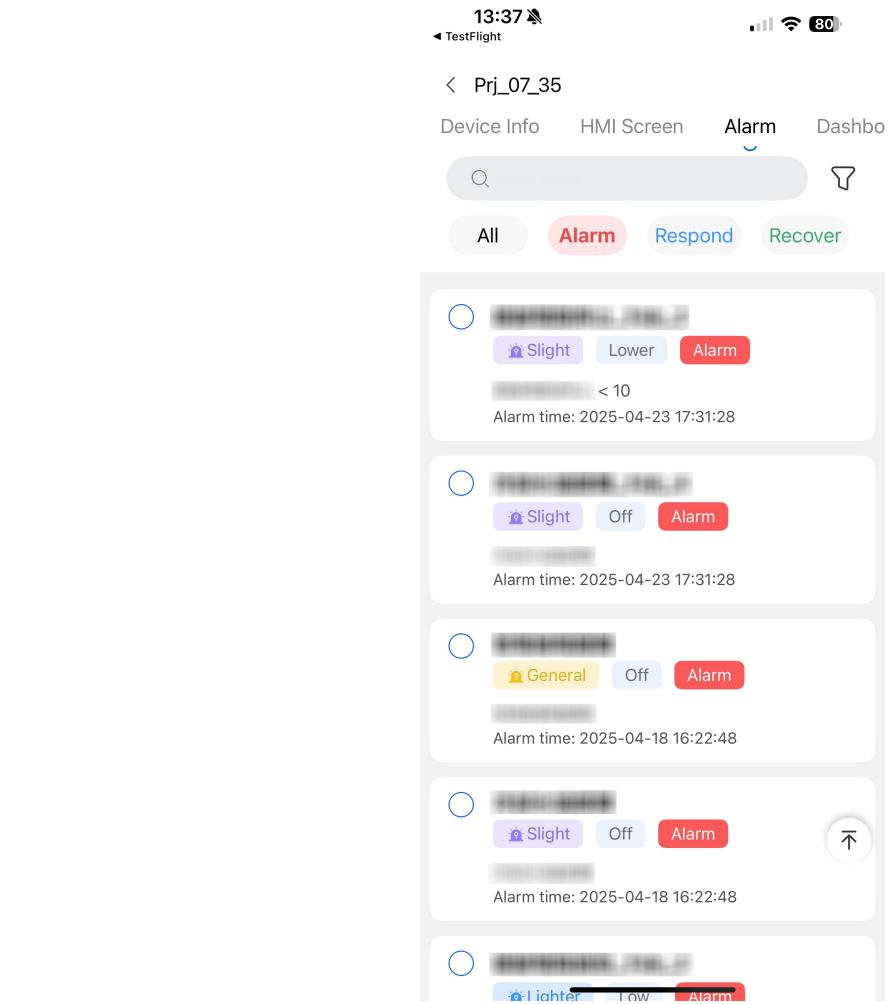
After successful connection, the current screen of HMI will be displayed. After leaving VNC, the following message will be displayed to remind the end of VNC usage.



2

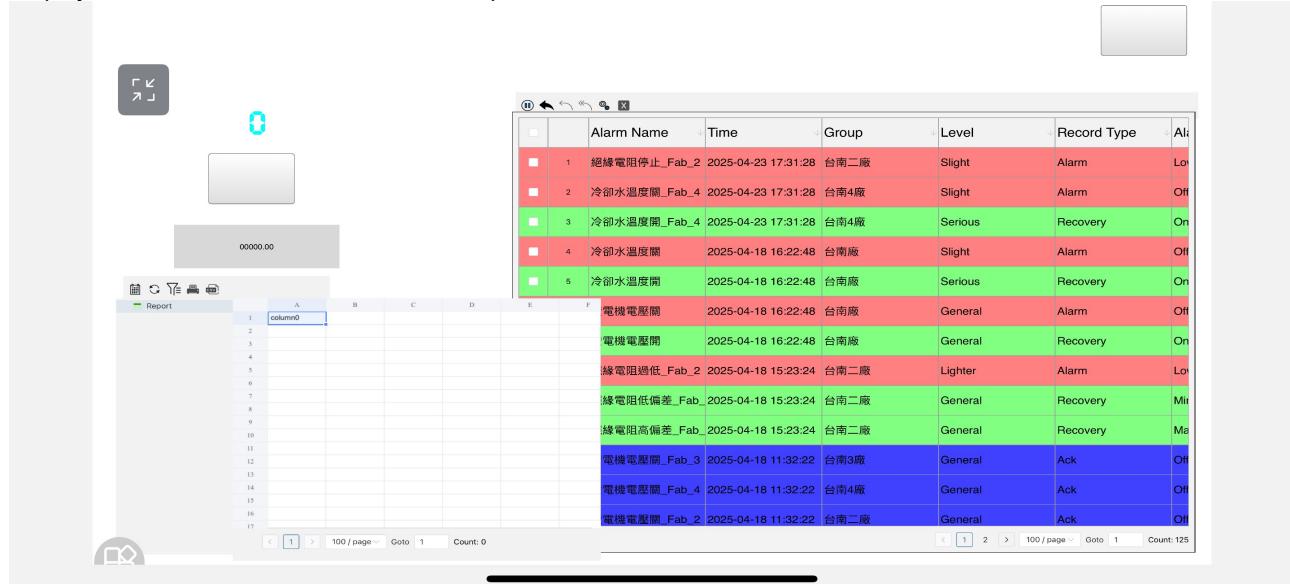
- **Alarm**

Displays the alarm records of the device. The alarm status can be confirmed and resumed in batch.

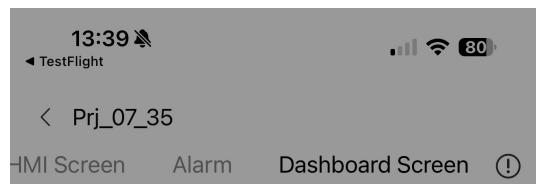


● Dashboard Screen

Display the HMI dashboard screen in the template bound to DIACloud.



Click  to view the number of TAGs used on the current configuration screen.

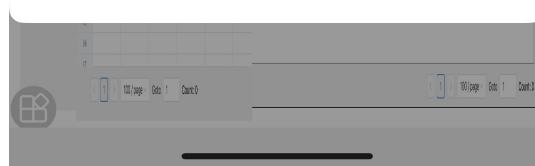


2

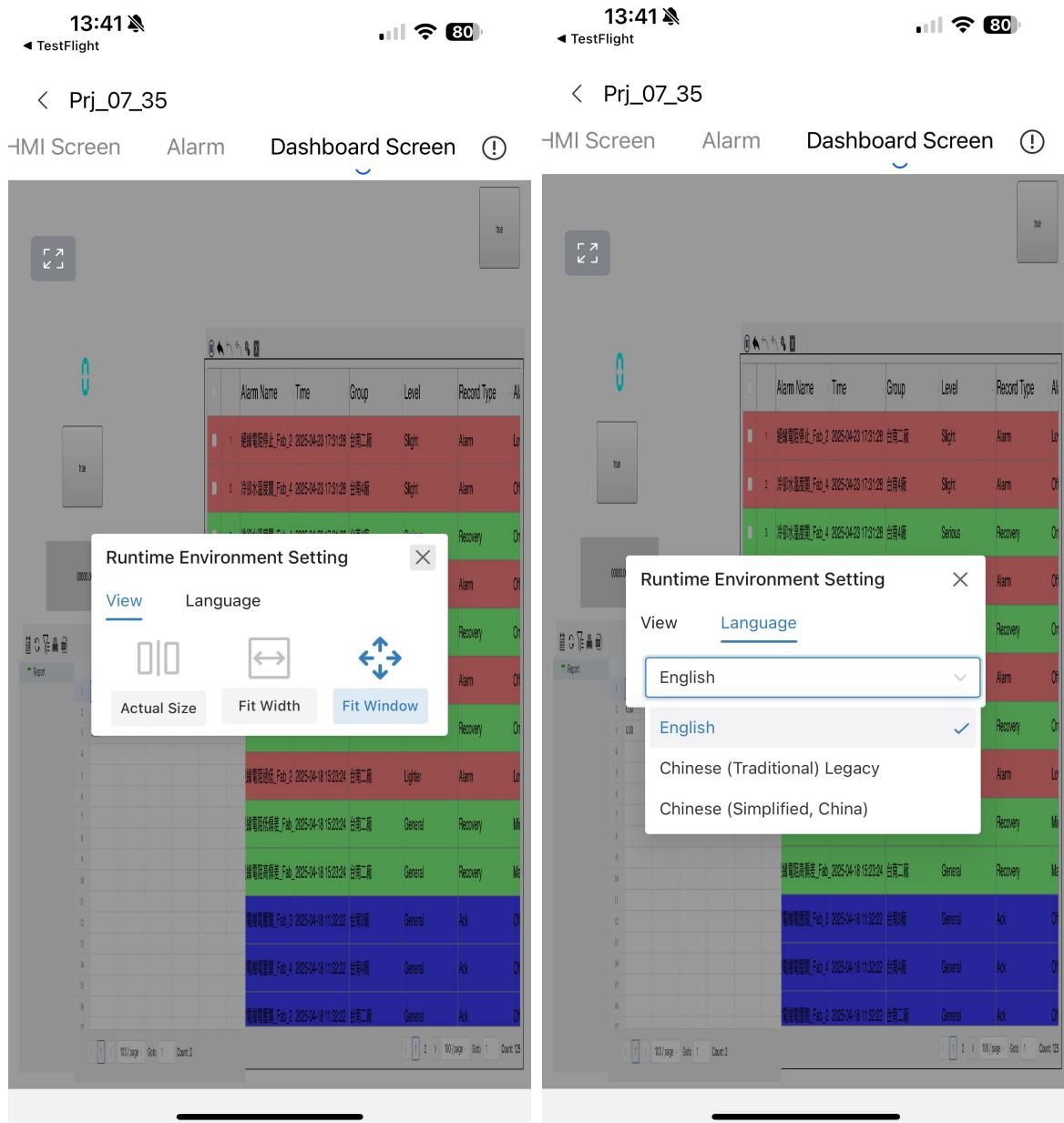
TAG information X

Usable TAGs of the device	Number of Template's TAG
110	84

To make sure TAGs of the template are usable
please guarantee the number of TAGs
allocated to the device is equal or bigger than
the number of the device's TAGs.

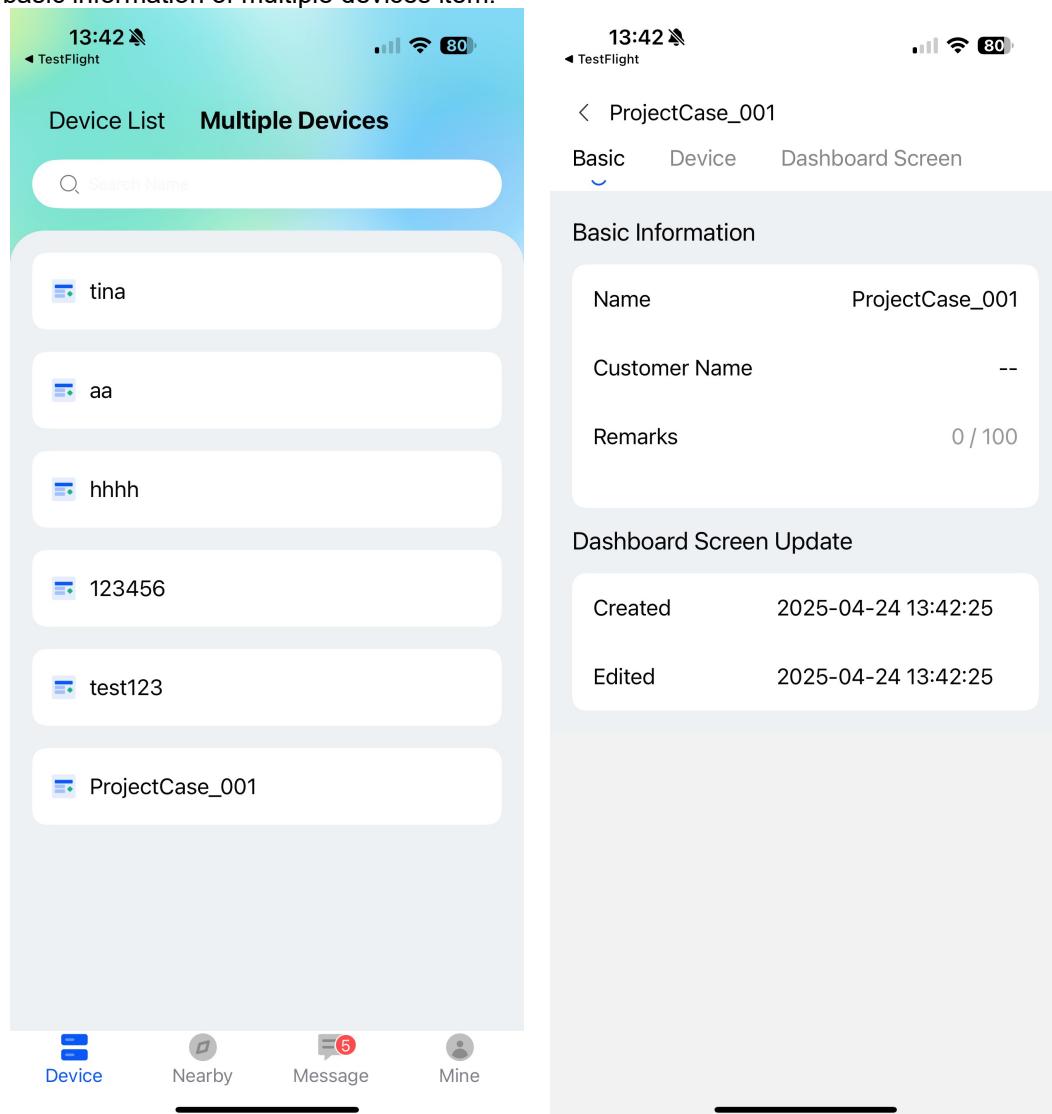


Click the icon  in the left corner to configure the appropriate language and aspect ratio based on your usage habits and mobile device screen size.

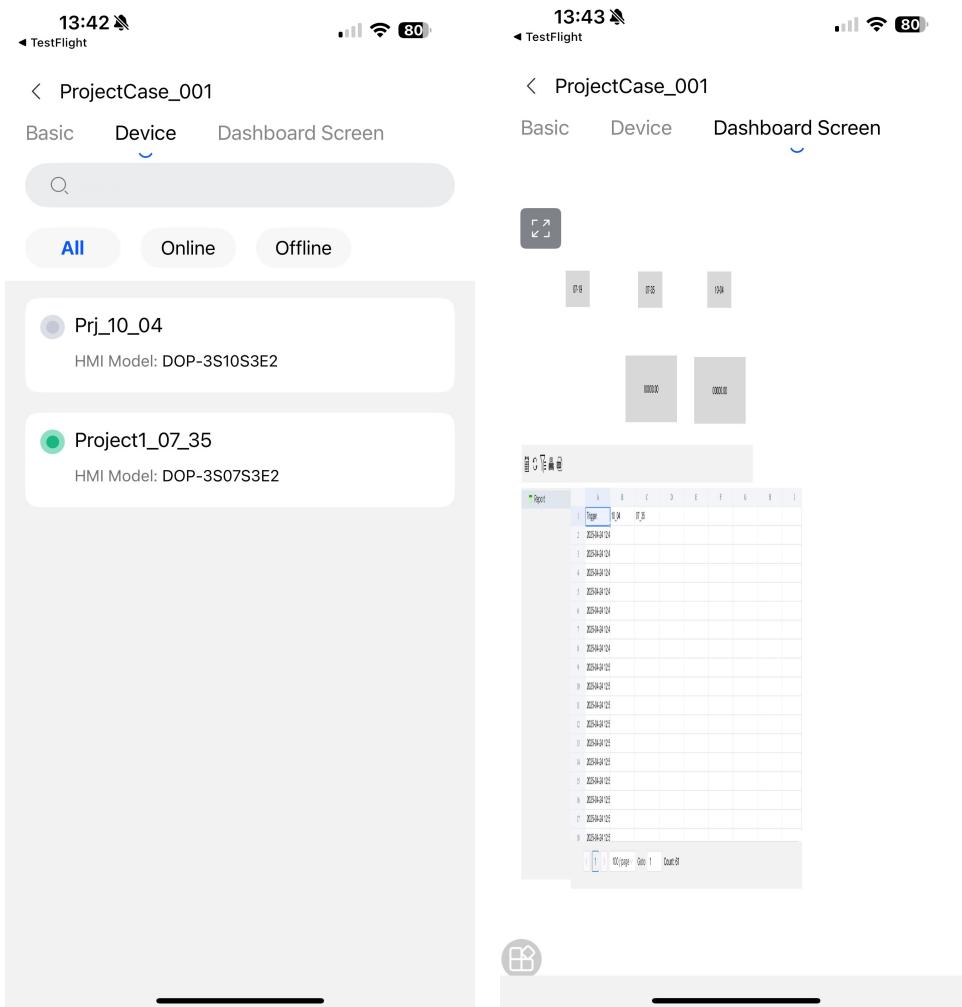


2.3.3 Multiple Devices

View the basic information of multiple devices item.



- View devices with templates on the associated platform and mobile configuration screens uploaded in DIAWebDesigner.



2.3.4 Nearby

This interface scans nearby Wi-Fi devices via Bluetooth.

Click "Nearby Devices" to jump to the "Nearby Devices" navigation search page.

[Nearby devices] Search Wi-Fi Dongle through Bluetooth, read HMI information through Wi-Fi Dongle, select Dongle + HMI or License + HMI to bind to the account, the operation steps are as follows:

- Step 1. Power on the Dongle and configure the network such as Wi-Fi and turn on Bluetooth on the phone.
- Step 2. Find the Dongle via Bluetooth, click "Details", and the page will prompt you to enter the Dongle's PIN.
- Step 3. If the HMI is DOP300S, the page prompts the user to choose one of the two, bind the account with License + HMI or bind the account with Dongle + HMI.
- Step 4. Select any method in Step 3 and jump to the device information filling page in Step 4. Click "OK" and the HMI is successfully bound to the account. (through the method selected in Step 3)



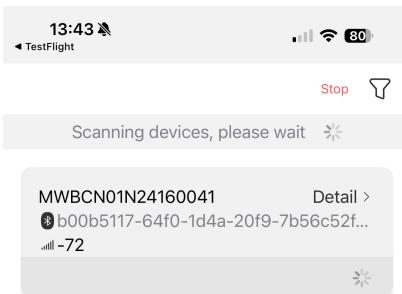
2



Scanning...



After scanning the device, click Detail and enter the pin to bind device.



13:50 79%

Kindly reminder: If you had changed the initial PIN, please input the new PIN

2

Initial PIN (Please select based on your device type)

- LICENSE+HMI: Please go to the back of the HMI and look at the bottom of the License sticker to find the initial PIN
- DONGLE+HMI: Please go to the front of the Dongle and locate the label to find the initial PIN

Device PIN *

Please input Device PIN: 

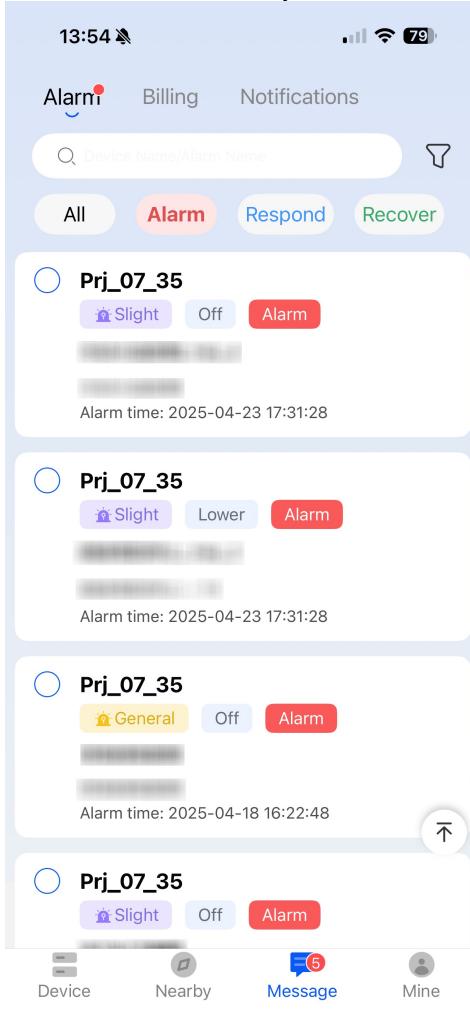
Next



2.3.5 Message

2.3.5.1 Alarm

Displays all alarms and supports batch confirmation and recovery.



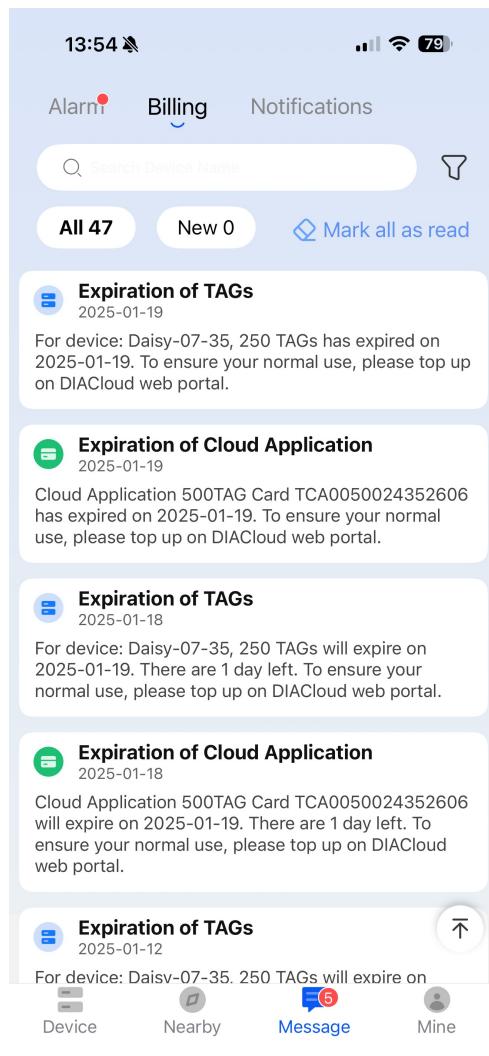
2.3.5.2 Billing

Add menu [Message-Billing] to show all unread messages.

Users can enter the billing message interface, view all unread messages by default, and switch to [All] to view all billing messages of this account.

Users can filter messages by message type (multiple choices), device name, card number, and time.

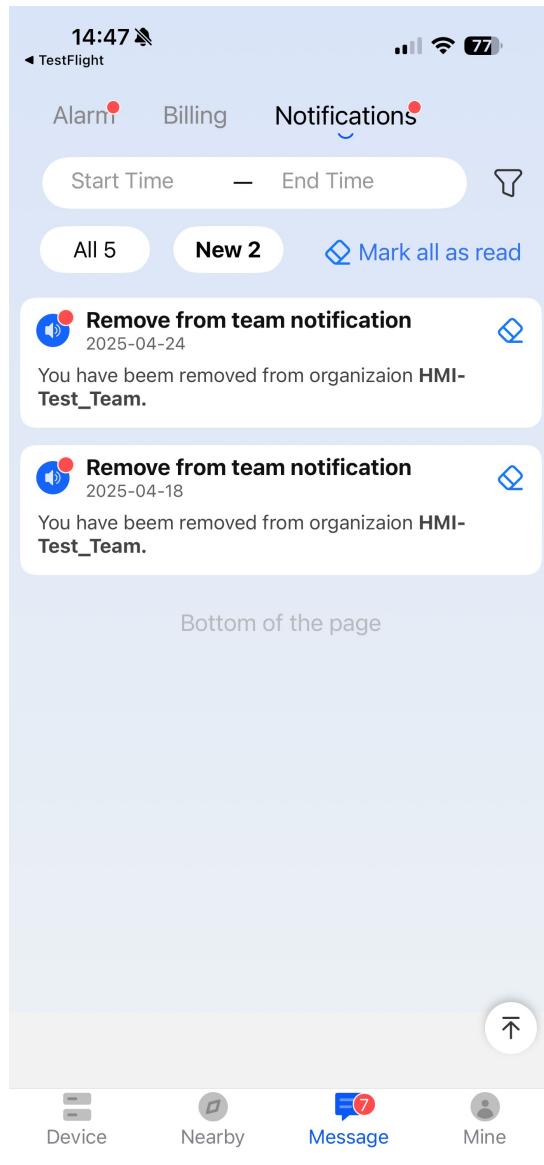
Tap [Read All]: Mark all unread billing messages under this account as read.



2.3.5.2 Notifications

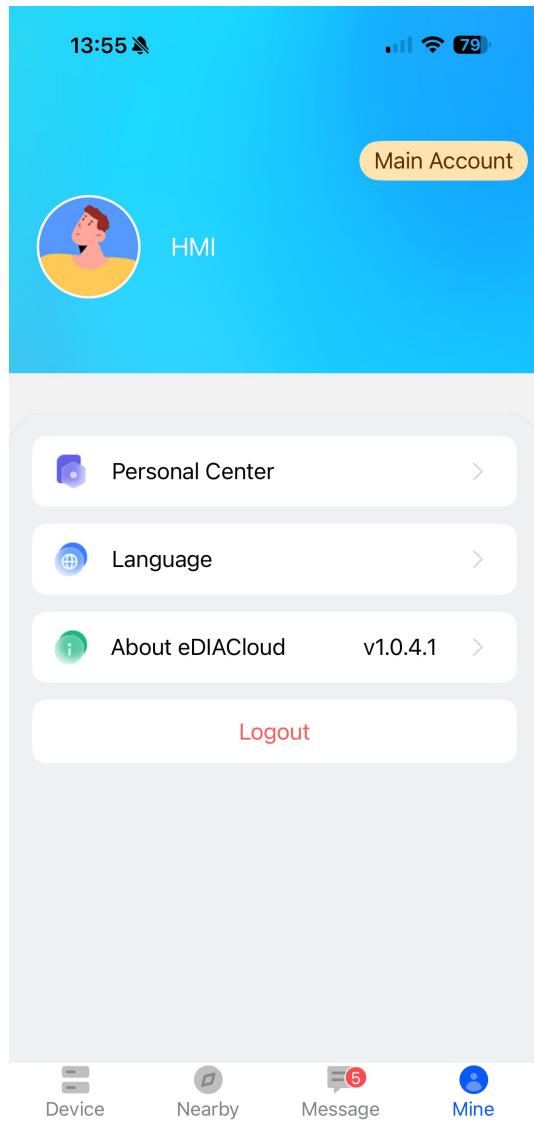
View all system announcements.

The system announcements include users invited to a team or remove from team.



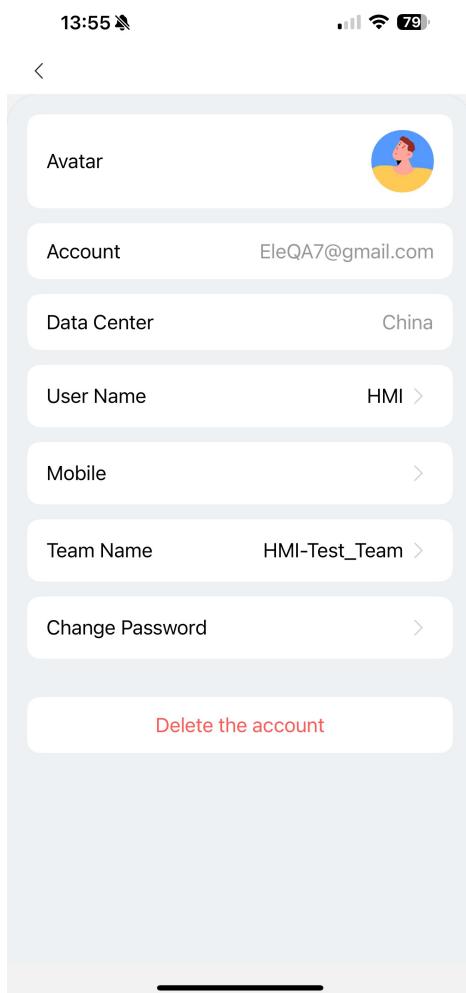
2.3.6 Mine

This page displays the software version, allows you to modify the account password and interface language, and log out of the account.



- **Personal Center**

This page allows user to modify account information and password.

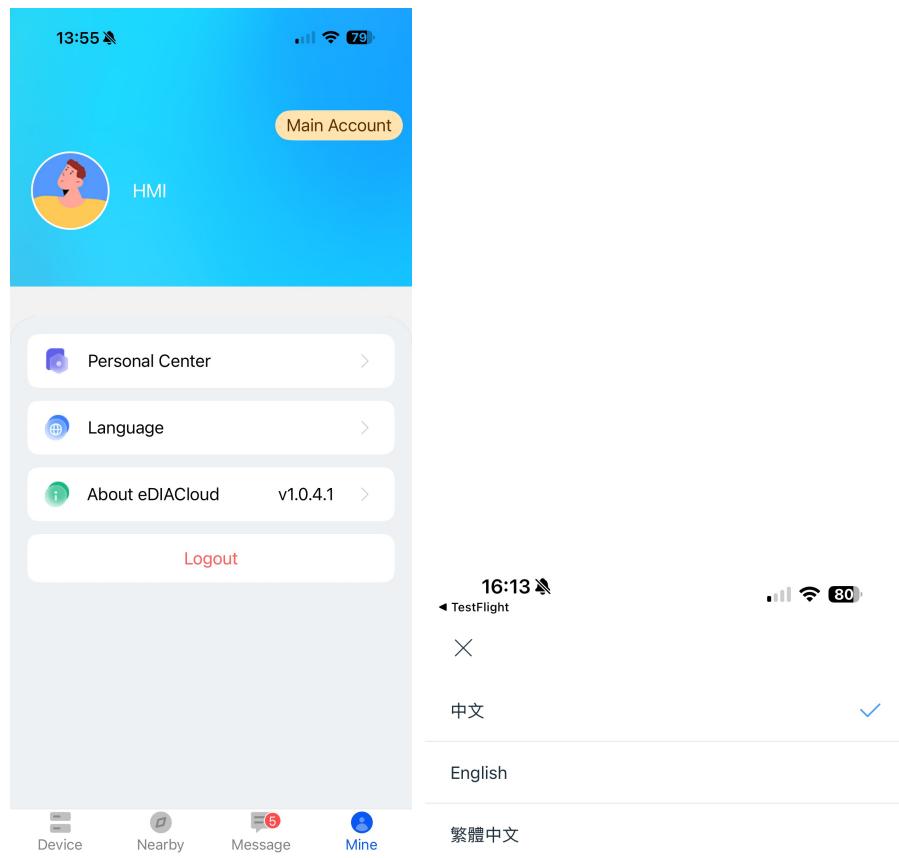


Description	Default
Account	
Display DIACloud login account.	Login account
Username	
Set username after login.	N/A
Data Center	
The data location this account is connected to.	China
Mobile	
The mobile phone number used when registering this account. Currently, it is limited to the international area code +86.	+86
Team Name	
Display the team's name of their logged-in account.	N/A
Change Password	

Description	Default
<ul style="list-style-type: none">● Current password: Last login password.● New password: Enter the new password.● Confirm password: Enter the new password again.	N/A

2 ● Language

This page allows the user to set the language of the software interface.



Eproteca S.A.
soporte@eprteca.com