



Dahua AirShield + Permaconn SIMs

Connect this Dahua Airshield to any AU monitoring center using Permaconn and Atlas, through the Permaconn Securelink SIM. The SIM Kit provided in this box contains SecureLink SIMs, from Permaconn. These are pre-configured and connect ready - ensuring easy access to the Permaconn benefits you value most:

- Connectivity to any ANZ Monitoring Centre through the Permaconn cloud.
- Manage a fleet of SIMs in one place through Atlas with the flexibility to select a poll plan.
- 24/7 Permaconn Local Support.
- Industry Leading Security – with ISO 27001 certified network.

Before you start, check you have the following:

- 1 Permaconn SIM kit includes x2 Securelink SIMs and barcode stickers
- 2 Ensure you are logged into Dahua DoLink Care App as Installer
- 3 AirShield hub must be initialised using DoLink Care App using Wi-Fi connectivity
- 4 AirShield hub must be on the latest firmware
- 5 AirShield hub must be assigned and authorised to “**Permaconn AU**” as the Security Company using the DoLink Care App
- 6 Securelink SIM activated to your Monitoring Centre or Pocket Secure Connect and assigned to your Atlas Installer profile, with the following settings:
 - a) Poll Plan = **P2 or P9**
 - b) Interface Type = **Dahua SIA Interface**
- 7 To support AirShield self-monitored sites, you require Pocket Secure Connect (App Only) linked to your Atlas profile. If you do not have this linked to your Atlas profile, please contact Permaconn Support.

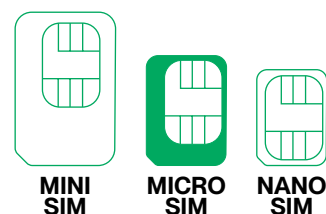
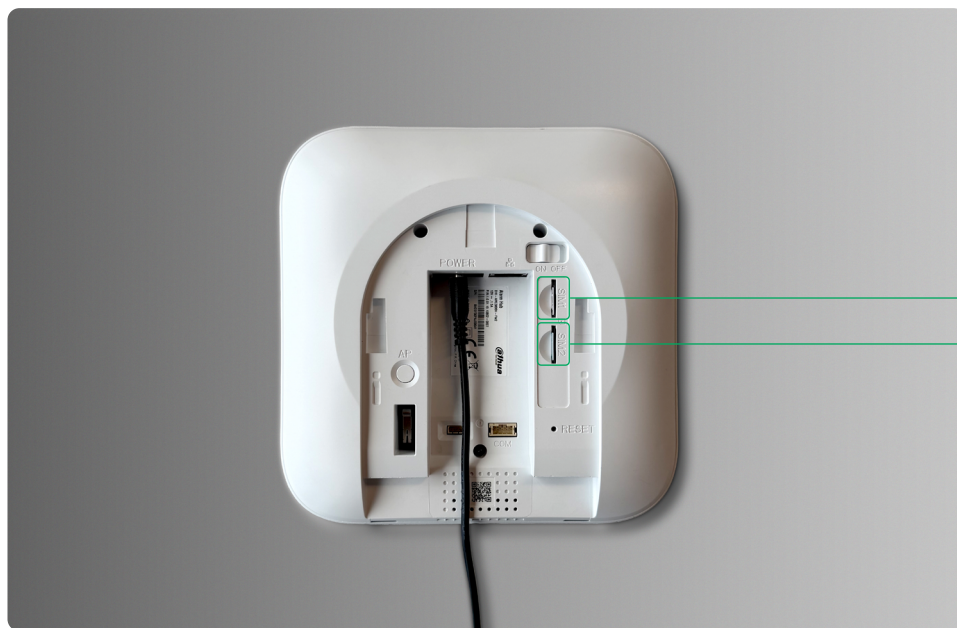
Installation and Configuration Steps

1

Insert the micro-SIMs in the following slots;

Telstra = SIM1 & Optus = SIM2.

Note this is critical that the SIMs are inserted into the correct slot!



SIM1 - Telstra

SIM2 - Optus

2

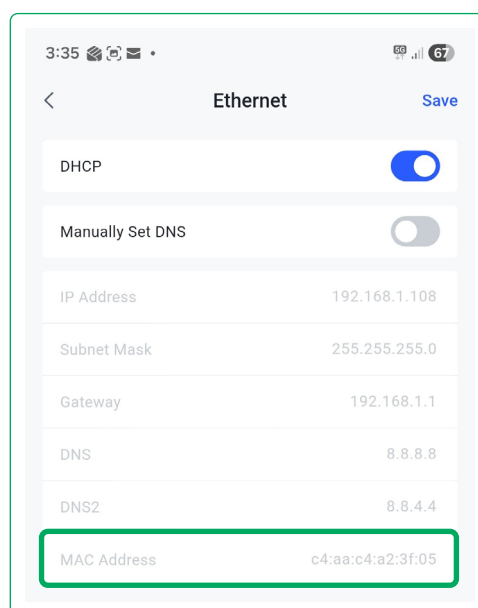
Attach the Permaconn SIM serial number sticker (provided with the SIM kit) to the AirShield hub. This will assist you in identifying the Permaconn serial number post installation.

3

Record the MAC Address:

Log into the DoLynk Care App, select the Alarm Panel, click on the (•••) icon on the right-hand side, and then click on **View Details > Settings > Network > Ethernet**

■ Copy/Note **MAC Address**



4

Network Config:

Select the Alarm Panel, click on the (...) icon on the right-hand side, and then click on **View Details > Settings > Network > Cellular network**, following fields must be populated:

- "Cellular Network" = **Enable**
- "SIM1 > APN" = **telstra.m2m**
- "SIM2 > APN" = **om2moptus**
- Click **OK**

11:52 Cellular network OK

Cellular network ☒

Priority ☐

SIM1

APN telstra.m2m

Authentication Mode NO

Username Please enter

Password

Dial No. Please enter

Data Roaming ☐

Mobile Data Usage 0.00M

Empty

SIM2

APN om2moptus

Authentication Mode NO

Username Please enter

5

Alarm Settings:

Select the Alarm Panel, click on the (...) icon on the right-hand side, and then click **View Details > Settings > Hub Setting > Alarm Receiving Center > Alarm Receiving Center1**, following fields must be populated:

- a) "Alarm Receiving Centre" = **Enable**
- b) "Central Account" = **MAC address (eg. C4AAC4A23F05)** Note, no colons!
- c) "Video Verification" = **Enable** (if required)
- d) "Alarm Event Priority" = **Enable**
- e) Click **Save**

12:03 Alarm Receiving Center1 Save

Enable ☒

Communication Protocol SIA DC-09(ADM-CID)

Preferred IP Address ☒

* IP/Domain Name

* Port

Alternative IP Address ☒

* IP/Domain Name

* Port

IP Protocol TCP >

Short Connection ☒

Heartbeat Interval 1Minute >

* Central Account C4AAC4A23F05

Encryption Type None >

1:08 Alarm Receiving Center1 Save

Reupload Period 1Week >

Upload Events

Alarm ☒

Restore Alarm Report Immediately >

Error ☒

Operation ☒

Arming/Disarming ☒

Extended Field ☒

Video Verification ☒

Alarm Event Priority ☒

If enabled, the device will immediately report alarm messages when the alarm is triggered. Once the alarm images and videos are prepared, it will send another report with a URL where the images and videos are stored.

Communication Test

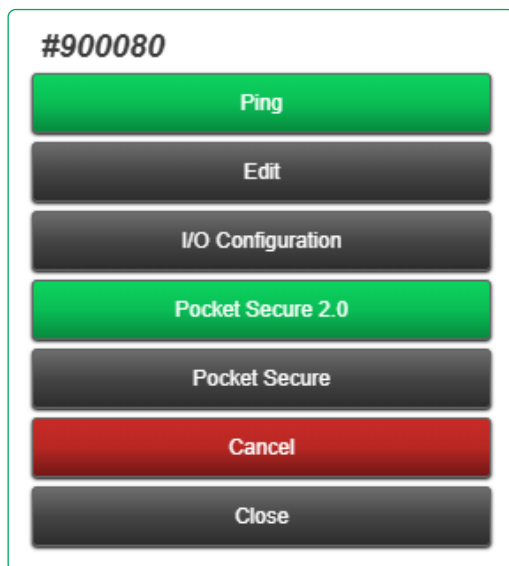
Manual Test >

Scheduled Test >

6

Atlas Config: Log into Atlas and click on Fleet tab

- In search bar, type in the **Securelink SIM** serial
- Click on the (!) icon on the left-hand side and the table below will appear
- Select > **Edit**



#900080

Ping

Edit

I/O Configuration

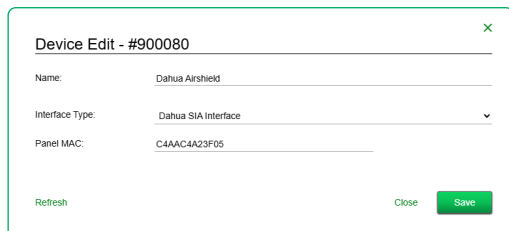
Pocket Secure 2.0

Pocket Secure

Cancel

Close

- “Device Edit” window will now be displayed, following fields must be completed:
- “Panel MAC” = **MAC address (eg. C4AAC4A23F05)** Note, no colons!
- Click **Save**



Device Edit - #900080

Name: Dahua Airshield

Interface Type: Dahua SIA Interface

Panel MAC: C4AAC4A23F05

Refresh Close Save

7

Verification: Verify the installation, trigger alarms, and ensure the designated monitoring center receives them successfully.

Securelink SIMs support Airshield video verification alarms.

If you need any assistance, please contact Technical Support on (02) 9352 1777 or 1300 55 66 43, or via email support@permaconn.com



Contact Us:
W: permaconn.com

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