



Dahua PoE Midspan

User's Manual

V1.0.1

Cybersecurity Recommendations

Mandatory actions to be taken towards cybersecurity

1. Change Passwords and Use Strong Passwords:

The number one reason systems get "hacked" is due to having weak or default passwords. It is recommended to change default passwords immediately and choose a strong password whenever possible. A strong password should be made up of at least 8 characters and a combination of special characters, numbers, and upper and lower case letters.

2. Update Firmware

As is standard procedure in the tech-industry, we recommend keeping NVR, DVR, and IP camera firmware up-to-date to ensure the system is current with the latest security patches and fixes.

"Nice to have" recommendations to improve your network security

1. Enable HTTPS/SSL:

Set up an SSL Certificate to enable HTTPS. This will encrypt all communication between your devices and recorder.

2. Forward Only Ports You Need:

- Only forward the HTTP and TCP ports that you need to use. Do not forward a huge range of numbers to the device. Do not DMZ the device's IP address.
- You do not need to forward any ports for individual cameras if they are all connected to a recorder on site; just the NVR is needed.

3. Limit Features of Guest Accounts:

If your system is set up for multiple users, ensure that each user only has rights to features and functions they need to use to perform their job.

4. SNMP:

Disable SNMP if you are not using it. If you are using SNMP, you should do so only temporarily, for tracing and testing purposes only.

5. Multicast:

Multicast is used to share video streams between two recorders. Currently there are no known issues involving Multicast, but if you are not using this feature, deactivation can enhance your network security.

6. Check the Log:

If you suspect that someone has gained unauthorized access to your system, you can check the system log. The system log will show you which IP addresses were used to login to your system and what was accessed.

7. Physically Lock Down the Device:

Ideally, you want to prevent any unauthorized physical access to your system. The best way to achieve this is to install the recorder in a lockbox, locking server rack, or in a room that is behind a lock and key.

General

This user's manual (hereinafter referred to be "the Manual") introduces the features, structure, and installation of PoE Midspan.

Models

DH-TAM01GT01GT-75

Safety Instructions

The following categorized signal words with defined meaning might appear in the Manual.

Signal Words	Meaning
 DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
 TIPS	Indicates dangerous high voltage. Take care to avoid coming into contact with electricity.
 NOTE	Indicates a laser radiation hazard. Take care to avoid exposure to a laser beam.

Revision History

Version	Revision Content	Release Time
V1.0.1	Delete technical specifications.	June 2019
V1.0.0	First release.	September 2018

Privacy Protection Notice

As the device user or data controller, you might collect personal data of other such as face, fingerprints, car plate number, Email address, phone number, GPS and so on. You need to be in compliance with the local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures include but not limited to: providing clear and visible identification to inform data subject the existence of surveillance area and providing related contact.

About the Manual

- The Manual is for reference only. If there is inconsistency between the Manual and the actual product, the actual product shall prevail.
- We are not liable for any loss caused by the operations that do not comply with the Manual.
- The Manual would be updated according to the latest laws and regulations of related regions. For detailed information, see the paper manual, CD-ROM, QR code or our official website. If there is inconsistency between paper manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the Manual. Please contact the customer service for the latest program and supplementary documentation.
- There still might be deviation in technical data, functions and operations description, or errors in print. If there is any doubt or dispute, please refer to our final explanation.
- Upgrade the reader software or try other mainstream reader software if the Manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the Manual are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurred when using the device.
- If there is any uncertainty or controversy, please refer to our final explanation.

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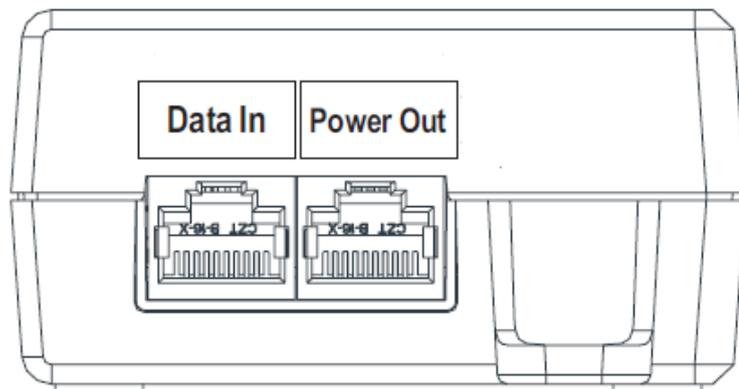
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2 Device Structure

2.1 Front Panel

The front panel is shown in Figure 2-1.

Figure 2-1 Front panel



Refer to Table 2-1 and Table 2-2 for more details.

Table 2-1 Indicator description

Indicator	Note	Color	Device Status
PWR	Power status indicator	Green	Normal power connection
POE	PoE power output indicator	Green	Normal power supply transmission

Table 2-2 Port description

Port Name	Note
Data In	1*10/100/1000M RJ45 port, used to connect to uplink device, it only transmits Ethernet data for non-PoE port.
Power Out	1*10/100/1000M RJ45 port, used to connect to IP Camera or PoE extender, PoE power supply.

2.2 Rear and Side Panel

The rear and side panel is shown in Figure 2-2 and Figure 2-3.

Figure 2-2 Rear panel

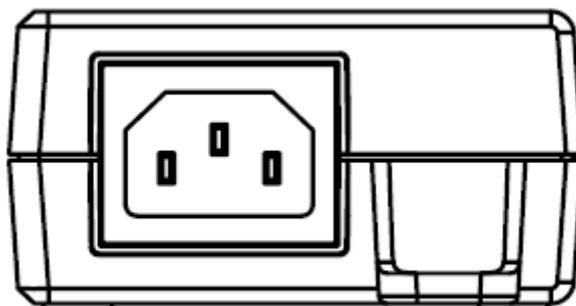
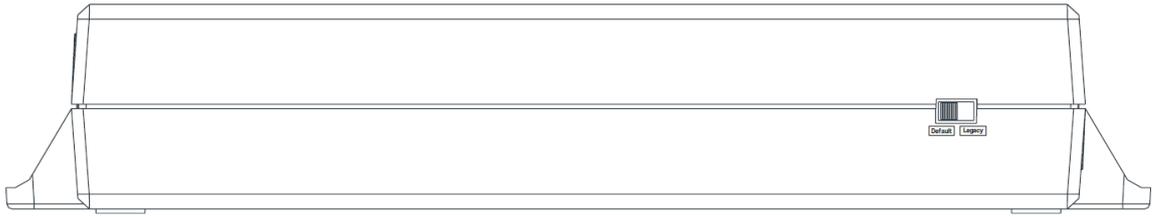


Figure 2-3 Side panel



Refer to Table 2-3 and Table 2-4 for more details.

Table 2-3 Port description

Port Name	Note
Power Port	Three-wire power cable port, supports AC 100V-240V, 50/60HZ input

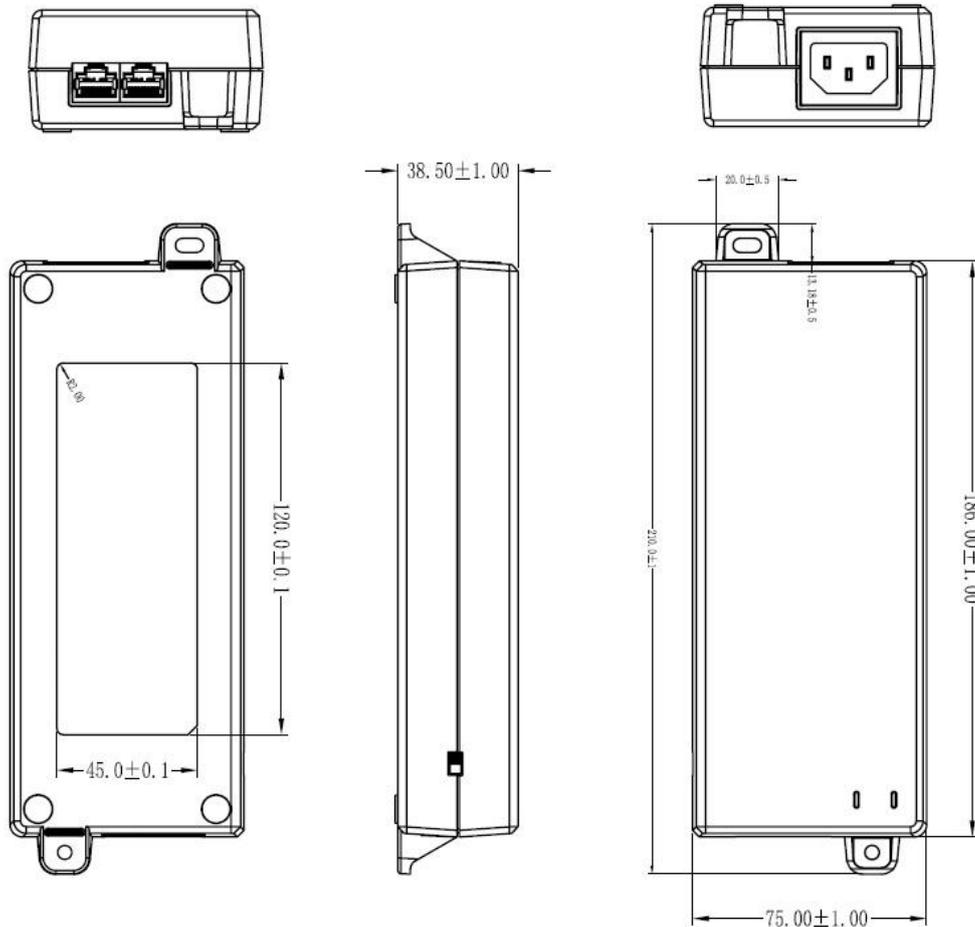
Table 2-4 DIP switch

DIP Switch	Note
Default	Standard PoE mode
Legacy	Forced power output

2.3 Dimension

Please refer to Figure 2-4 for the device dimension.

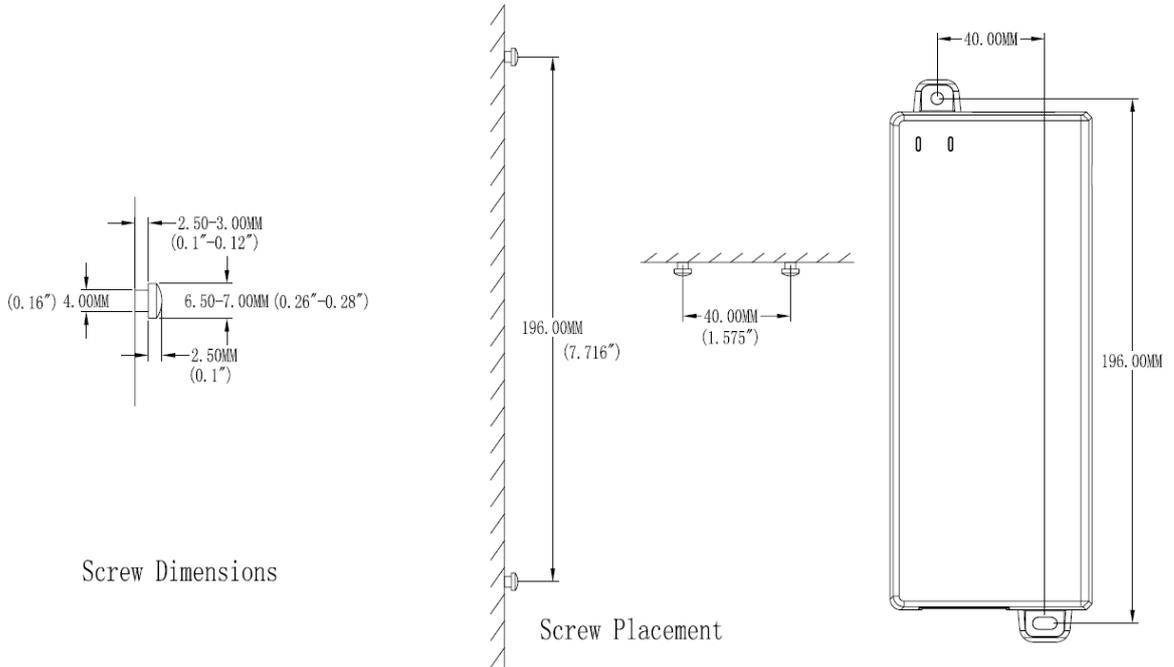
Figure 2-4 Dimension



3 Installation

PoE Midspan supports wall mount. Please refer to Figure 3-1 for more details.

Figure 3-1 Wall mount



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