1. Product connection
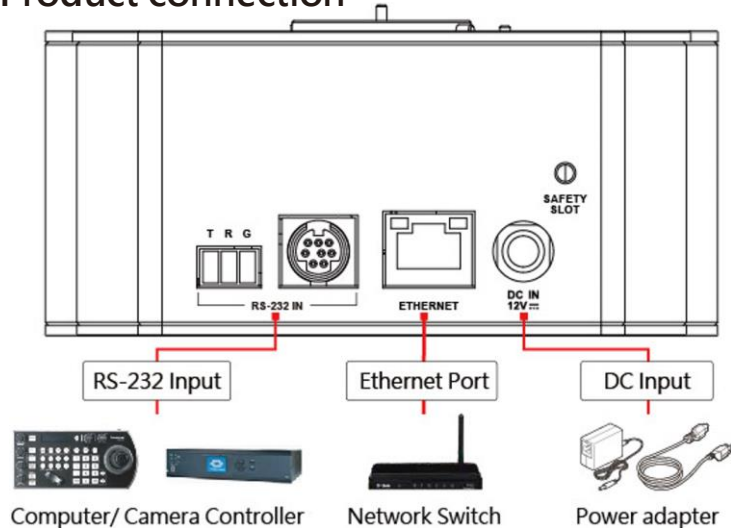

• The Ethernet port supports PoE (IEEE 802.3af) power supply.

2. Precautions for Installation

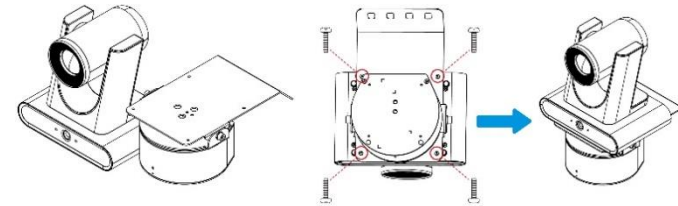2.1 Use the included DC 12V adapter or a PoE Network switch for power.

2.2 What you need

- ▪ PTH-01 pan-tilt mechanism
- ▪ Compatible VC series camera
- ▪ 4 x M3 screws (for mounting the demo unit)
- ▪ Compatible mounting bracket (VESA 75x75mm)
- ▪ Adapter plate (required if the bracket does not support VESA 75×75 mm; provided by the user).
- ▪ VC I/O cables
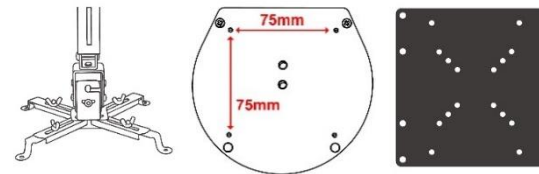- ▪ Safety cable (recommended for overhead installation)

3. Installation Steps

3.1 Unpack the PTH-01 mechanism and the corresponding VC series camera.

3.2 Secure the VC series camera onto the PTH-01 using 4 x M3 screws.
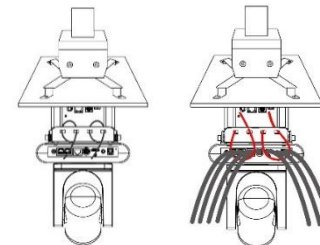

3.3 Ensure the mounting bracket supports VESA 75×75. If not, use a compatible VESA adapter plate (user-provided).

3.4 Install the assembled PTH-01 and VC camera onto the bracket.
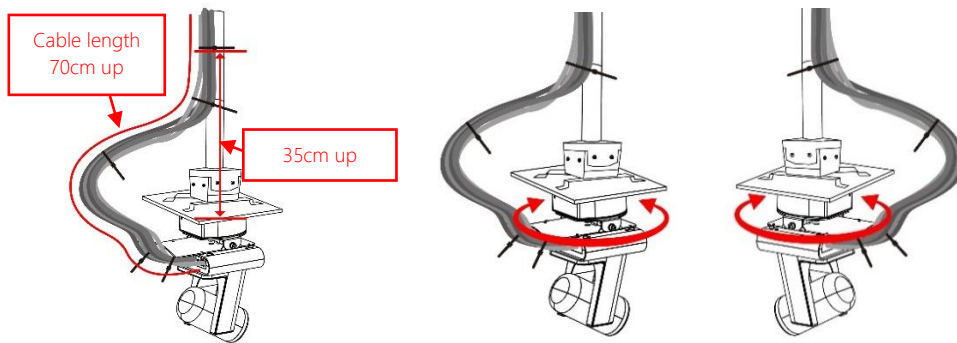
3.5 Route the cables for the VC camera to both sides and secure them to the bracket's metal panel.
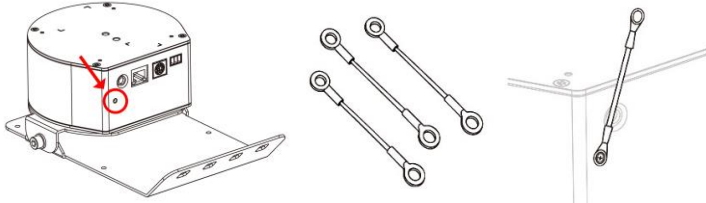

3.6 Maintain at least 35 cm between the unit and the cable fixing point. Use 70 cm or longer cables to prevent tension during rotation.

3.7 Rotate the unit to its electronic origin position and verify sufficient cable slack.

Cable length 70cm up

35cm up

3.8 An M4 mounting point is available on the back of the PTH-01 for attaching a safety cable during overhead installation to prevent falling.
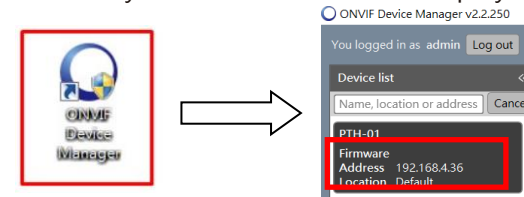
4. Quick Start with PTH-01

PTH-01 can be controlled in various ways depending on the installation environment. The supported control options are as follows:

■ Web Interface

Connect PTH-01 to network router using Cat5e to access the control panel to operate pan movement and manage presets.

1. Check PTH-01's IP Address

The PTH-01 uses DHCP by default. Use ONVIF Device Manager to automatically detect the device and display its IP address.

ONVIF Device Manager v2.2.250
You logged in as admin   Log out
Device list   «
Name, location or address   Cancel
PTH-01
Firmware
Address   192.168.4.36
Location   Default

2. Open a web browser, and enter the IP address in the address bar.
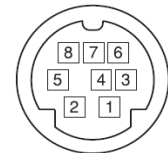
192.168.4.36

3. Login with the account and password to access the webpage.
● Account: admin   ●Password: 9999

● **Account: admin**
● **Password: 9999**

■ RS-232 Control

Connect the controller or PC to the PTH-01 using the Mini-DIN or Phoenix connector.

No	Pins
1	DTR IN
2	DSR IN
3	TXD IN
4	GND
5	RXD IN
6	GND

■ Keyboard Controller (e.g., Lumens VS-KB21)

Connect the VS-KB21 to the same network via Ethernet.
Use the keyboard's search function to find the PTH-01 IP address.
Control the PTH-01 directly from the keyboard.

※For questions about installation, please scan the QR Code; a support person will be assigned to assist you

Get Help ?