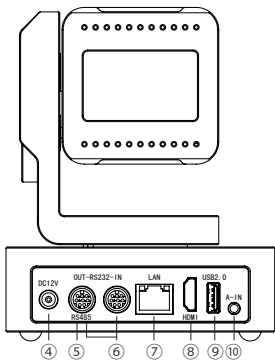
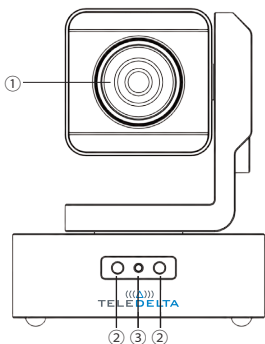


1 Camera Interface



No.	Explain	No.	Explain	No.	Explain
1	Lens	4	DC12V Input	7	RJ45/IP Streaming/POE
2	IR Receiver	5	RS485	8	HDMI
3	Power Indicated Light	6	RS232	9	USB 2.0
				10	Audio-IN

2 Packing Box



PTZ Camera × 1



IR Remote Controller × 1



12V/ 2.0 A DC Power Adapter × 1



RS-232 to DB 9pin Cable × 1



Ceiling Bracket / Wall Support × 1



User Manual × 1

Frame Rates

1	1080P60/50/30/25
2	1080I60/50/30/25
3	720P60/50/30/25

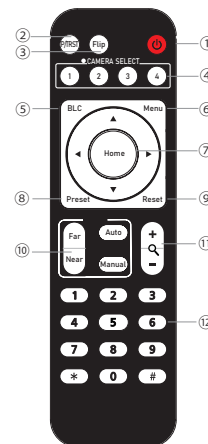
Camera Parameters

Image Sensor	1/2.7" Exmor CMOS	Min Lux	0.5lux /0.095 lux
Effective Pixel	2.7 MP	Shutter Speed	1 to 1/10000s
Zoom	10X Optical	Horizontal Field of View	2.9° (T)-72° (W)
Lens	f=5.1mm-51mm F=1.6(W)-3.5(T)	Digital Noise Reduction	2D&3D

Dome Parameter

		Communications	
Power supply	DC12V	Baud Rate	2400/4800/9600/ 19200/38400
Power Consumption	12W	Protocol	VISCA/ PELCO P/D; ONVIF/ VISICA OVER IP
		Address Setting	1-255
Operation		Environmental	
Pan Rotation	-178° ~ +178°	Dimensions	120mm×120mm× 145mm
Tilt Rotation	-30° ~ +90°	Operating Temperature	-10°C ~ 50°C
Presets	Remote Max 9 Presets	Gross Weight	1.6kg
	PTZ Controller Max 255 Presets	Installation Method	Wall Mount/ Ceiling/ Tripod

3 Remote Controller Specification



Number	Key	Function
1	Power Key	Toggles camera standby mode
2	P/T RST Key	Reset pan / tilt position
3	Flip Key	Invert camera image to flip (Ceiling Mount)
4	Camera Select Key	Select the camera to be controlled
5	BLC Key	Turn on/off Back Light Compensation
6	Menu Key	Enter/exit Menu
7	Camera PTZ Control Key	Press HOME button, the camera return to the home position
8	Presets Setting Key	Press "Preset"+Number(1-9) to save the corresponding Preset
9	Presets Reset Key	Press "Reset"+Number(1-9) to reset the corresponding Preset
10	Focus Key	[AUTO]:Auto focus [MANUAL]: Manual focus [FAR]: Focus on far away object [NEAR]: Focus on near objects
11	Zoom Key	+ increase, - decrease
12	Number Key	Set and Recall preset



4 RS232 (Serial Interface)

Graphic	Number	CAMERA	Number	CAMERA
	1	DTR	5	RXD
	2	DSR	6	GND
	3	TXD	7	IR OUT
	4	GND	8	NC

5 Precaution

Electrical Safety

Installers and Operators should follow all electrical and safety guidelines in accordance with local health and safety laws.

The HD600+ PTZ camera does not have a power on / off switch (this is achieved by pressing the On/ Off button on the supplied IR remote (button no. 1/2 on the IR remote).

Users should unplug the HD600+ PTZ camera from the wall socket before installing, moving or altering the camera position.

Do not use the camera if there is a risk of water ingress, electrical shock or fire risk.

The HD600+ PTZ camera is supplied with a 12VDC power supply or can be operated over POE (power over ethernet).

Transportation

The HD600+ PTZ camera should be transported securely in the provided packaging to reduce the risk of damage.

Installation

The HD600+ PTZ camera is supplied with a ceiling / wall mounting bracket included in packaging. If mounting inverted (upside down) invert the image via the IR remote control (button 3).

Do not move / force the PTZ camera head by hand – doing so may damage the internal gears (voiding warranty).

Ensure camera is installed on a flat horizontal service and is securely screwed to the mounting bracket.

6 FAQ

No Image on output display (HDMI output)

1. Check the camera is connected to mains power (or POE) and the power is turned on and the power indicator is illuminating on the camera front.
2. Turn on the camera via the IR remote control, confirm the camera "self-checks" – the Lenses will rotate left / right up and down and return to the home position once complete.
3. Check the HDMI cable from the camera to the display is in useable condition.
4. Ensure the display can support the output resolution and frame rate of the camera.

Vibration / movement of Image (when zoomed in)

Check the camera is securely fasten to the mounting bracket
 Ensure there is no source of vibration near the camera install position.

Web GUI Login

The HD600+ PTZ has an internal web-GUI where advanced setting / streaming can be setup. The default camera IP address is 192.168.1.162
 Users can view the cameras IP address via the onscreen display menu (via the IR remote. Menu System → Setup → System Info).

Web GUI Access

Ensure you know the correct / default IP address of the HD600+ PTZ camera.

Ensure you computer is on the same IP address range as the camera
 The web-GUI may not be accessible via all browsers (at time of release, IE, Chrome, Firefox and Mozilla where suitable).

Consider Network / Firewall issues when accessing camera.

Camera Control

The HD600+ PTZ camera can be controlled by several methods including, the supplied IR remote control (recommended in most simple installations), R serial or Web-GUI.

7 Warranty

The HD600+ PTZ camera is covered under a 12-month factory warranty from the date of purchase. In the first instance of a fault please contact the purchaser of the goods.

Technical Support

For additional technical information or documentation please contact TeleDelta Pty Ltd with your enquiry at the below email address.
engineering@teledelta.com

To assist with your enquiry please supply in the email the following details

1. Serial Number of HD600+ camera
 2. Date of purchase
 3. Description of fault / issue.
- Please keep your proof of purchase for warranty purposes.

Note on Technical support:

Whilst TeleDelta will provide technical support on the HD600+ PTZ cameras we are unable to provide support on 3rd party or external system components (i.e Displays the camera may be connected too, Webcasting equipment or 3rd Party control systems / connected PCs).
 In these circumstances we will provide general guidance and related information when or if possible.

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