CommBox Video Conferencing Kit (PTZ)

1 Camera Interface
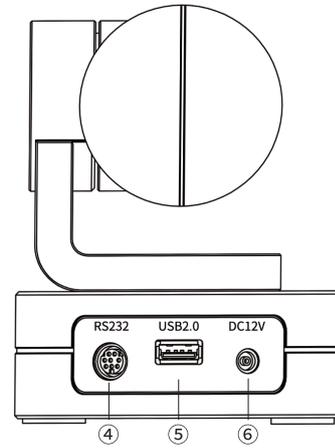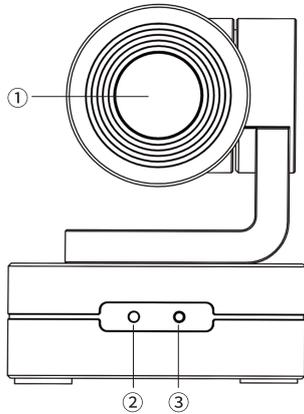
No.	Explain	No.	Explain
1	Lens	4	RS232 Input
2	IR Receiver	5	USB2.0 Interface
3	Power Indicated Light	6	DC12V Input

Camera Parameter

Zoom	1X	3X	10X
Image Sensor	1/2.8'' Exmor CMOS	1/2.7'' Exmor CMOS	1/2.8'' Exmor CMOS
Effective Pixel	2.1 Megapxiel	2.3 Megapxiel	2.7 Megapxiel
HOV	87°	95°	72°
Resolution	1920×1080@30fps; 1280×720;640×480; 640×360;352×288;320×240		
Min Illu	0.05Lux@F1.2	0.05Lux@F1.8	0.1Lux@F1.8

Dome Parameter

| Electricity		Communications	
Power supply	DC12V	Baud Rate	2400/4800/9600/19200/38400
Power Consumption	12W	Protocol	VISCA/PELCO-D/PELCO-P
Decoder	Built in	Address Setting	1~255
Operation		Environmental	
Pan Rotation	-178° ~ +178°	Dimensions	115×115×135mm
Tilt Rotation	-30° ~ +90°	Operating Temperature	-10℃ ~ +50℃
Presets	Remote Max 9 Presets	Gross Weight	1.2kg
	PTZ Controller Max 255 Presets	Installation Method	Wall Mount/ Ceiling/ Tripod

2 Packing Box
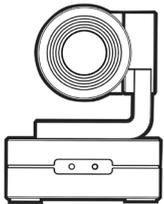
PTZ Camera × 1

IR Remote Controller × 1
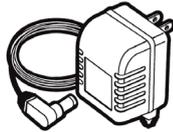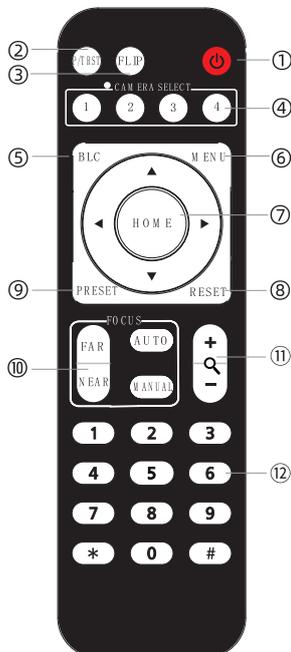
12V/ 2.0 A DC Power Adapter× 1

RS-232 to DB 9pin Cable × 1

USB Cable × 1

User Manuel × 1
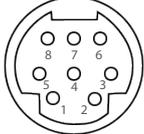
3 Remote Controller Specification

	Key	Function
1	Power Key	After pressing, the camera enters standby mode
2	P/T RST Key	After pressing, the camera enters self-check
3	Flip Key	Set the camera image to flip
4	Camera Select Key	Select the camera to be controlled
5	BLC Key	Turn on/off BLC
6	Menu Key	Enter/Exist Menu
7	Camera PTZ Control Key	Press HOME button, the camera returnto the middle position
8	Preset Setting Key	Press "Preset"+Number(1-9) to save the corresponding Preset
9	Preset Reset Key	Press "Reset"+Number(1-9) to reset the corresponding Preset
10	*Focus Key	[AUTO]:Automatic focus [MANUAL]: Manual focus [FAR]: Manual focus, make the far object clearer [NEAR]: Manual focus, make the near object clearer
11	*Zoom Key	+ increase, - decrease
12	Number Key	Cooperate with setting / calling Preset

NOTE: The fixed lens PTZ camera not available of the"*" symbol functions

4 RS232

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

5 Precaution

Electrical Safety

Confirm country and local electrical safety standard when using or installing theproduct. The product itself has no power switch, Please stop power supply orplug out power socket when it is not in good working. Video wire and control wire should be insulated and individual connected, can't mix-up with other wires.

Transportation with Care

Product should be protected against extremes of stress, vibration and moisture in transport, storage and installation. It is transported by integrated packing style.

Power Supply

Product supplies 12V DC power.

Installation with Care

Don't turn camera head manually. Doing so may result in mechanical damage.

Product should be put on stable horizontal table, and does not be installed at a tilt,or else, which may cause tilted image.

Don't focus the camera direct to the sun or other bright objects no matter when in use or not.Otherwise,it may affect image quality.

Don't apply corrosive liquid, gas or solid, to avoid damaging the cover which is made up of plastic material.

Make sure there is no obstacle with the camera's rotational range when installing.

Never power on before installation has been completed.

Prohibited unauthorized disassemble

There is no part for users to disassemble voluntarily. The Company is not responsible for any unauthorized modification or dismantling.

6 FAQ Processed

Image aspect

● No image displayed

1) To Check whether the camera power is connected, the voltage is normal, and the power indicator is always on.

2) Plug in the power again, to check Whether the camera can self-test normally.

3) To check whether the USB port and USB cable of the terminal device are connected correctly.

● The image breaks frequently

To check whether the USB port and USB cable of the terminal device are connected correctly.

● The definition is not good after accessing software

To check the software video input settings to see if the camera video input is set to 1920 * 1080.

Control aspect

● Remote controller doesn't works

1) To check and replace the batteries.

2) To check if the camera working mode is correctly.

● The serial port cannot be controlled

1) To check if the protocol and address of the camera are consistent.
2) To check if the camera USB cable is well connected.

7 RoHS Declaration

Component	The Hazardous Substances or Elementary Name					
	Pb	Hg	Cd	CrVI	PBB	PBDE
Metal	×	○	○	○	○	○
Plastic	○	○	○	○	○	○
Glass	×	○	○	○	○	○
Circuit board	×	○	○	○	○	○
mains	×	○	○	○	○	○
accessory	×	○	○	○	○	○

○ :means all the contained hazardous substance are within the limitation of SJ/T11363-2006standard.

×: means all the contained hazardous substance are within the limitation of SJ/T11363-2006standard.

8 Warranty Terms

In order to protect your legitimate rights and interests, remove your worries, and to improve customer service, specially formulated this warranty regulations, please read carefully andprovide valuable advice and suggestions.

● the company's products from the date of sale, the warranty for three years, life-long maintenance (parts not covered under warranty). For product warranty over the term of the free warranty service, the Company will charge the cost of the part as appropriate for the product fault condition.

● repair products, please properly packaged shipping, shipping process if destroyed or lost, the company will not be responsible.

● Before installation of the company's products, please read the product manual carefully.

9 Warranty information Card

During the free warranty period, the following matters, the company reserves the right to refuse services or charge materials, service fees, as appropriate.

● improper use of the user caused product failure or damage.

● electric shock or improper installation led to the accident of burning.

● non-repair service damage caused by the repair.

This user profiles is for warranty and basic proof. Please fill carefully and keep properly.

User Profiles

User Name	
Tel/Fax	
Contact Address	
Dealer's Address	
Model	
Purchasinge Date	
Serical No	

Dealer's Stamp: User Signature: