

Tenveo

Video conference camera



TEVO-VD series Manual
English Version V4.8

1 Safety guides

Before operation, please fully read and follow all instructions in the manual.

a Do not disassemble the camera. For any service, please contact authorized technicians.

b Do not direct the camera lens towards strong light, such as the sun or the intensive light.

c Use a dry soft cloth to clean the camera housing. Applied with neutral cleaning agent when need clean. To avoid damage on the camera lens, never use strong or abrasive cleaning agents on the camera housing.

d Avoid stress, vibration and damp during transportation, storage and installation.

e Do not move the camera by holding the camera head. To avoid mechanical trouble, do not rotate the camera head by hand.

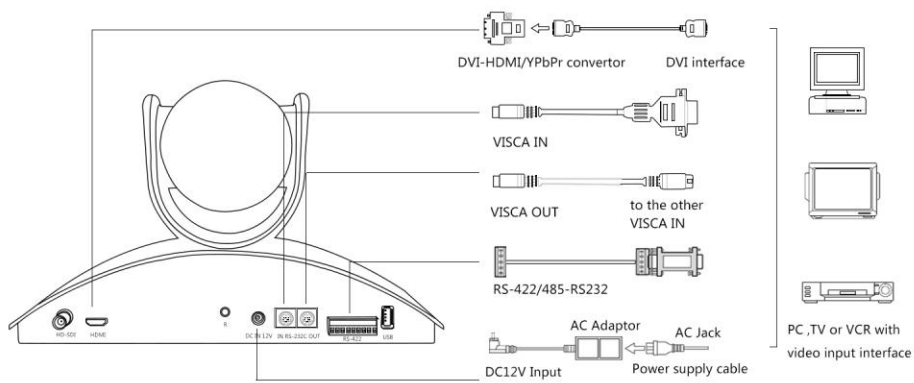
Note: The video quality may be affected by the specific frequencies of electromagnetic filed.

2 Tenveo- What's in the box?

- Camera • DC 12V/2A Power Adaptor Cable • 5m USB2.0 Cable • Remote Controller • User Manual • Installation brackets & screws • Guarantee Card

3 Quick start

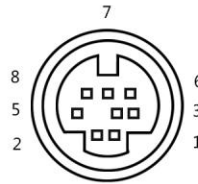
Check all cable connections before power on



a VISCA RS232 IN PORT:

No	Function
1	DTR IN
2	DSR IN
3	TXD IN
4	GND
5	RXD IN
6	GND
7	IR Commander Signal OUTPUT
8	NO Connection

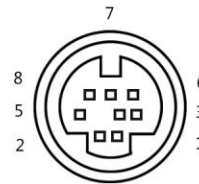
VISCA RS-232C IN



b VISCA (RS232) OUT PORT:

No	Function	
	232 control	485 control
1	DTR OUT	TX+
2	DSR OUT	TX-
3	TXD OUT	
4	GND	
5	RXD OUT	
6	GND	
7		RS-485-
8		RS-485+

VISCA RS-232C OUT



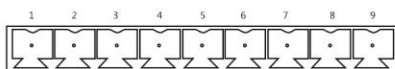
c Power interface: Use power supply for video conferencing camera only

d IR: Infrared receiving port

e USB: USB upgraded interface

f RS-422

Note: RS-422 and RS232 cannot use simultaneously.



Pin No	Function	Pin No	Function
1	TXD IN+	6	TXD OUT+
2	TXD IN-	7	TXD OUT-
3	RXD IN+(RS485-)	8	RXD OUT+
4	RXD IN-(RS485-)	9	RXD OUT-
5	GND		

4 Dial Switch setting (at the bottom of the camera)

Switch1: HD-SDI /HDMI mode

Dial Switch1	ON	OFF
Video output	HD-SDI	HDMI

Note: Changing switch mode can be effective after repower for a while.

Switch2 Default

Switch3-4 IR remote controller switch

Address	Switch 3	Switch 4
1(default)	OFF	ON
2	ON	OFF
3	OFF	OFF
4	ON	ON

Switch5: Communication interface

Dial Switch5	ON	OFF (default)
Interface	RS-422	RS-232

Switch6: Baud rate setting

Dial Switch6	ON	OFF (default)
Baud rate	4800bps	9600bps

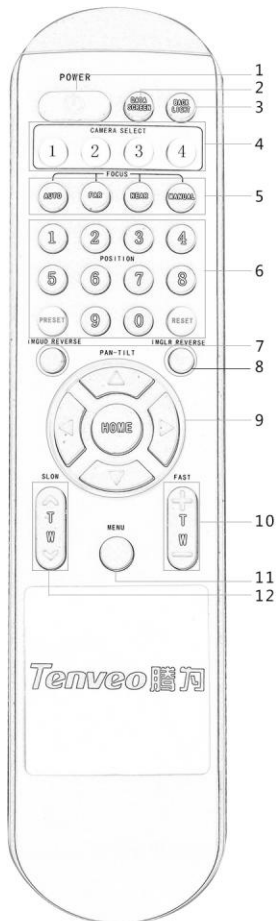
Switch7-8: Choose Protocol

Protocol	Switch7	Switch8
VISCA (default)	ON	ON
PELCO-P	ON	OFF
PELCO-P	OFF	ON
PELCO-D	OFF	OFF

Switch9-12: Serial port address (ON=0.OFF=1)

Address	Switch12	Switch11	Switch10	Switch9
1 (default)	ON	ON	ON	OFF
2	ON	ON	OFF	ON
3	ON	OFF	OFF	OFF
4	ON	OFF	ON	ON
5	ON	OFF	ON	OFF
6	ON	OFF	OFF	ON

5. IR remote controller



1. Power Power-on/off
2. Data screen
3. Back light
4. Selection button: Camera ID Chose
5. Adjust camera AUTO / FAR / NEAR / MANUAL
6. 0-9 Preset positions
Preset: Setting preset position Reset: Clear preset position
7. Imgud reverse
8. Imglr reverse
9. P/T Control ↑ Move up ↓ Move down ← Move left → Move right
10. Fast : Zoom in/out Control Zone
T: Zoom in fast speed W: Zoom out fast speed
11. Menus
After the menu is enabled, other keys do not play a role besides a few function keys.
You need to close the menu to use other keys.
Save settings: press HOME in the modified line to save changes
Change options: up and down.
Change parameters: left and right
Exit menu: MENU
12. Slow : Zoom in/out Control Zone
T: Zoom in slow speed W: Zoom out slow speed

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