

Angekis®



WEB



FACEBOOK

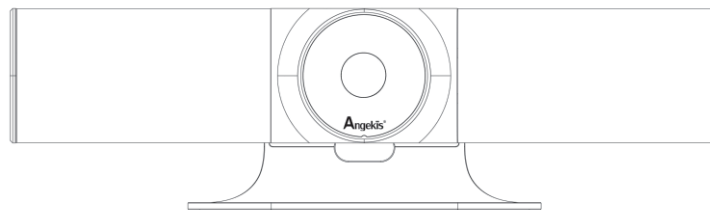
Copyright© Angekis Technology Co.,Ltd All Rights Reserved.

<https://www.angekis.com>

Angekis®

ONE TOUCH

AOT-01N



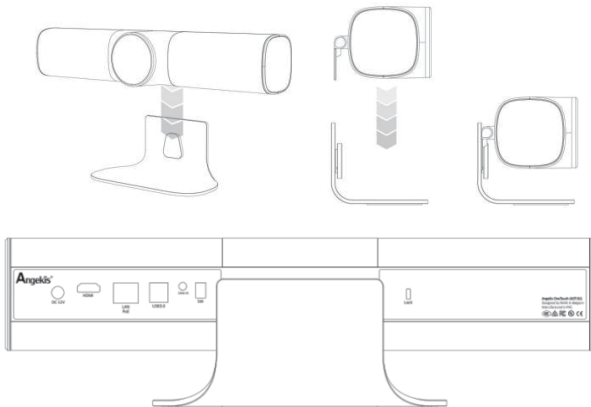
v1.1

PACKING LIST

Check all bellow items when open the package:

Camera	1
Power Adapter	1
Power Cable	1
USB3.0 Cable	1
Remote Controller	1
User Manual	1
Desktop Base Stand	1
Cleaning Cloth	1

QUICK START



Product Advantages:

- Ultra crystal video quality: adopts advanced DSP, 1/2.8 inch 8.42 megapixel sensor and high quality 12 megapixel lens;
- HDMI,USB3.0/USB2.0 video outputs interface, fit for different application;
- USB3.0 and USB2.0 YUY2/MJPG/ H.264/ H.265 video format, works with Windows, MAC OS, Android, Linux os;
- Standard UVC 1.1 protocol, compatible with most VC application.
- The low noise CMOS effectively ensures the ultra-high signal-to-noise ratio of the camera video, and keeps the picture clean and clear even under the condition of ultra-low illumination.

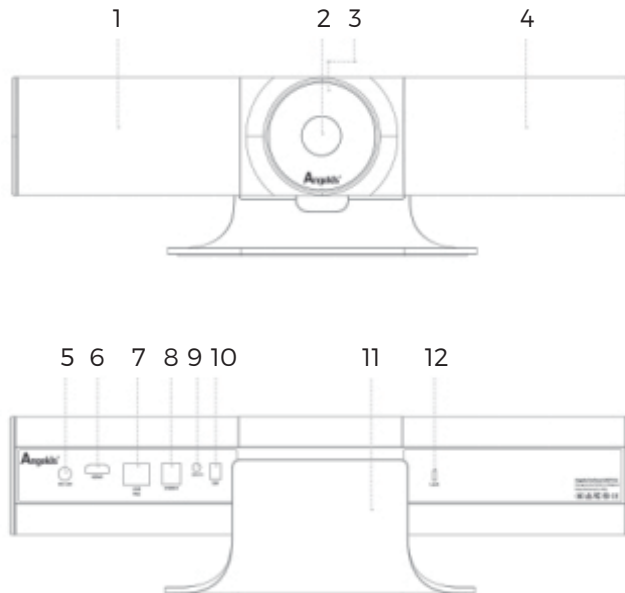
Product Features:

- HDMI, USB3.0 / 2.0 multi interface output;
- 12 megapixel fixed lens, 5x digital zoom;
- 120° degree field of viewing;
- Lens distortion rate less than 4% (120°FOV);
- Support Line in and USB Audio;
- Without motor inside, zero mechanical failure risk;
- WDR, 3DNR, Anti-flicker feature.

Product Advantages:

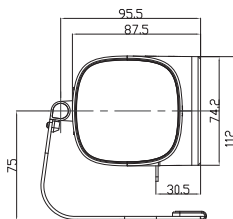
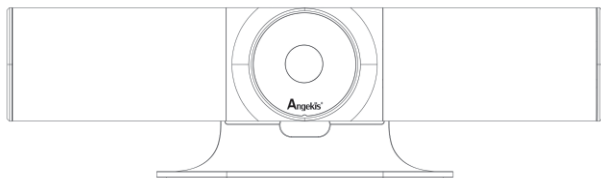
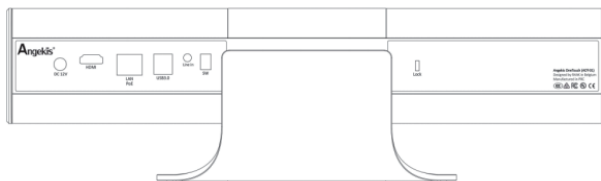
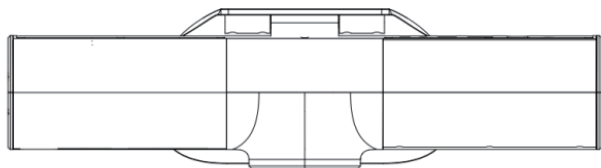
Model	AOT-01IN		
Sensor	1/2.8 inch high quality, 8.42 megapixel SONY CMOS sensor		
Video Format	HDMI	3840*2160P30/25 1920*1080P60/50/30/25/59.94/29.97/24 1920*1080I60/50/59.94 1280*720P60/50/30/25/59.94/29.97	
	USB3.0/ USB2.0	3840*2160@30/25/20/15/10/5 2592*1944@30/25/20/15/10/5 2048*1536@30/25/20/15/10/5 1600*1200@30/25/20/15/10/5 1920*1080@30/25/20/15/10/5 1280*720@30/25/20/15/10/5 1024*576@30/25/20/15/10/5 960*540@30/25/20/15/10/5	
Optical Zoom	12 megapixel fixed lens	Digital Zoom	5X
Control Port	USB3.0/USB2.0 (UVC)	Fieldof Viewing	120°
Video Port	HDMI,RJ45,USB3.0/USB2.0	Sensor Resolution	8.42 megapixel
White Balance	Auto/Manual/ Indoor/Outdoor	S/N Ratio	>50dB
Anti-Flicker	50HZ/60HZ/OFF	Focal Length	f=2.20mm
Line in	Supported	Minimum Lux.	0.1 lux
USB Audio	Supported	Iris	F 2.2
Sensitivity	-26±2dB RL=2.2KΩ Vs=2.0V	Electronic Shutter	Auto
Input Voltage	DC port/PoE (Optional)	WDR	Supported
Net Weight	1KG	Polar distance	3-5meters
Dimension (L x W x H)	395mm×113mm×112mm		

CAMERA INTERFACE:

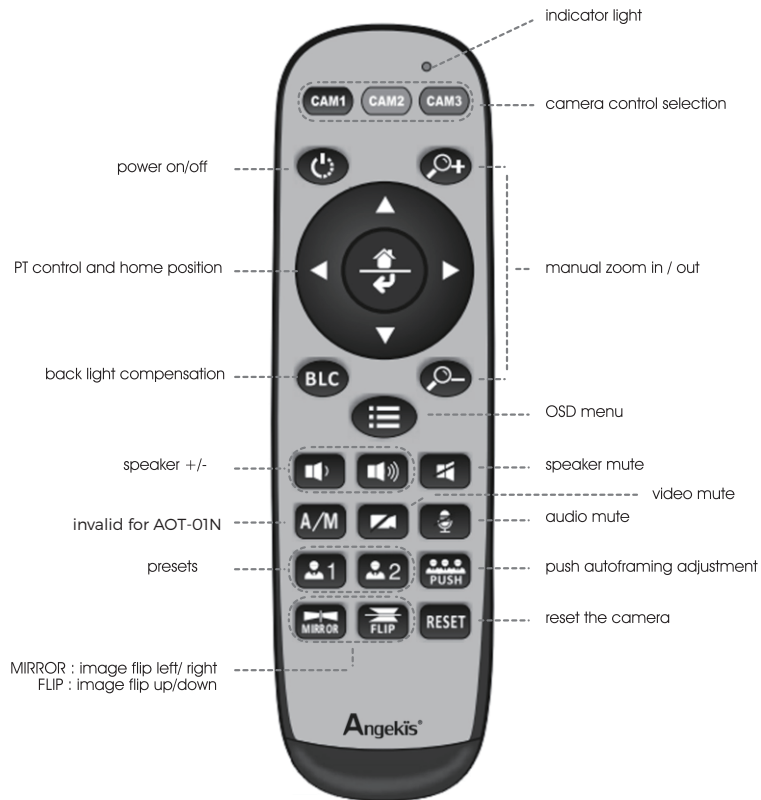


1. Speaker	5. DC in 12V	9. Line in
2. Camera lens	6. HDMI	10. DIP Switcher
3. LED indicator light	7. RJ45 ethernet, support PoE+	11. Desktop Base Stand
4. Microphone Array	8. USB3.0 Type B	12. Security Lock

CAMERA DIMENSION(MM):



Instructions for wireless remote control:



Led function indication

Press any button and shows in red color: it means that the current selection is to control camera 1;

Press any button and shows in green color: it means that the current selection is to control camera 2;

Press any button and shows in blue color: it means that the current selection is to control camera 3;

CAM1/CAM 2/CAM3:

Press the key to select the camera to be controlled;



Focus (Left): +/-

Manual focus, only valid under manual focus model;

Zoom (Right): +/-

Control the lens zoom rate;

Navigate : Up/Down/Left/Right

In normal working mode, use navigate key to control pan/tilt;



Confirm/Home button:

In normal working mode, short press to let the camera go back to Home position;



Menu button:

In normal working mode, press to enter the menu, and then press to close the menu;



Number buttons:

Set Preset: Long press(3seconds) the number button to save preset;

Clear Preset: Clear+number button to clear the relative preset;

Long press(3seconds) the Clear button to clear all preset;

Run Preset: Short press the number button to run the relative preset;



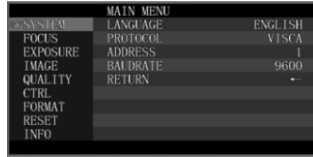
Power button

In normal working mode, after a short press, the selected camera will enter the standby mode, and then press the camera again for self-test and return to home position.

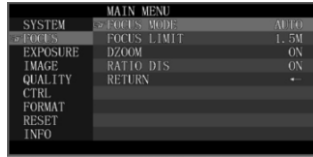


OSD MENU

1. In normal working mode, press the menu button on the RF remote, to enter the OSD menu ; press the menu button again to exit and save modified parameters;



2. Use the navigate button to select the main menu. As above picture, once been selected, the main menu will change to grey color background, and the right side will show all parameters under this sub menu ;



3. In the second grade menu, press the up/down navigate button to select the sub menu, use left/right navigate button to set the parameter ;



4. Select the last option “return” and press the right navigate button to get back to previous menu;



5. Press OSD button again to exit the menu.

6. OSD Menu Layout:

SYSTEM	LANGUAGE	ENGLISH/CHINESE	
	PROTOCOL	VISCA, PELCO-P, PELCO-D	Defaulted: VISCA
	ADDRESS	VISCA: 1 ~ 7 ; PELCO-P/D: 0 ~ 255	Defaulted: 1
	BAUD RATE	2400, 4800, 9600, 19200, 38400, 57600, 115200	Defaulted: 9600
	RETURN	Back to the main menu	

EXPOSURE	EXP MODE	AUTO, MANU, IRIS, SHUT, BRI.	Defaulted: AUTO
	SHUTTER	Shutter Speed: 1/30 ~ 1/10K (Only valid when EXP MODE set to MANU or SHUT)	Defaulted: 1/100
	IRIS	Invalid for fixed lens	Defaulted: 10
	GAIN	Gain value: 0dB ~ 15dB (only valid when EXP MODE set to MANU mode)	Defaulted: 0
	BRIGHT	Brightness value: 0 ~ 27 (only valid when EXP MODE set to BRI. mode)	Defaulted: 11
	FLICK	OFF/50Hz/60Hz	Defaulted: 50Hz
	BACKLIGHT	ON/OFF	Defaulted: OFF
	GAMMA	0 ~ 63	Defaulted: 30
	RETURN	Back to the main menu	

6.OSD Menu Layout:

QUALITY	2D NR	2D Noise Reduction: OFF/ON	Defaulted:OFF
	3D NR	3D Noise Reduction: OFF/AUTO, 1~4	Defaulted:AUTO
	SHARPNESS	Sharpness setting: 0~15; the higher value, the clearer of image shape	Defaulted:4
	CONSTRAST	Contrast setting: 0~15	Defaulted:9
	SATURATION	Saturation setting: 0~15	Defaulted:8
	BRIGHT	Brightness setting: 0~15	Defaulted:9
	D-WDR	OFF/1~6	Defaulted:OFF
RETURN	Back to the main menu		

CTRL	MIRROR	Set Image Left/Right flip: ON/OFF	Defaulted:OFF
	FLIP	Set Image Up/Down: ON/OFF	Defaulted:OFF
	D/N MODE	Set Day/Night mode: DAY/NIGHT	Defaulted:DAY
	GAIN LIMIT	Set auto exposure gain limit	Defaulted:128
RETURN	Back to the main menu		

RESET	CAM RESET	Reset image to defaulted value
	PTZ RESET	Reset pan tilt zoom to defaulted value
	ALL RESET	Reset both camera and pan tilt zoom
	RETURN	Back to the main menu

IMAGE	WB MODE	WHITE BALANCE mode: ATW, MANU, MANU2, SON, FL, AUTO, IDR., ODR, PUSH	Defaulted:AUTO
	B-GAIN	BLUE GAIN level:0~255 (only valid when WB MODE set to MANU mode)	Defaulted:52
	R-GAIN	RED GAIN level:0~255 (only valid when WB MODE set to MANU mode)	Defaulted:58
	DEFOG	Set image transparency: OFF, 1~15, (suggest to set a lower value)	Defaulted:off
	RETURN	Back to the main menu	

INFO	CONTROL	Control firmware version
	CONTROL	Firmware release date
	FORMAT	Current video format
	BAUDRATE	Current baud rate
	RETURN	Back to the main menu

More than meets the eyes