4K AI Voice Tracking Auto-Zoom PTZ Camera

4k / Auto Tracking/ Voice Tracking/ Auto Zoom / Gesturecontrol / HDMI+IP+USB / 12x

Cyt Fx4 (VT -2Z)

The CytFX4 (VT-2Z) cameras, and positioning array microphones. Through professional voice positioning and image analysis technology, it realizes accurate automatic tracking & auto zoom, and frees the hands of conference personnel, making more engaged communication. It is a perfect choice for medium conference rooms.

Features

- **Auto Tracking:**
  The camera can automatically track and follow the movement of participants, to fast facial recognition and locking tracking.
- **Auto Frame:**
  The camera has the capability to auto-zoom based on the participants' movements, ensuring that the active speaker or subject remains in focus.
- **4K Ultra HD:**
  The camera uses a Sony 1/2.5" UHD CMOS sensor with 8.51 million pixels, providing a resolution of 4K (3840x2160) for high-quality video.
- **4 Microphone Arrays:**
  It features four digital microphone arrays with a 0-10-meter voice pickup range, and it supports voice tracking with auto zoom.
- **HDMI :**
  The camera supports HDMI allowing it to directly output uncompressed 4K original video.
- **71° Wide-Angle Lens + 12x Optical Zoom:**
  The camera has a 71-degree wide-angle lens with a 12x optical zoom, providing flexibility in capturing different views.
- **Low Illumination:**
  It includes a CMOS sensor that reduces image noise in low-light conditions and uses 2D and 3D noise reduction algorithms, achieving a high image signal-to-noise ratio.
- **Supports POE:**
  Power Over Ethernet (POE) is supported, allowing control, power supply, and video transmission over a single cable.
- **Audio Compression Standard:**
  The camera features audio compression capabilities.
- **Remote Control:**
  It can be controlled in multiple ways, including through RS232 ,RS485 serial ports, the internet, and Hand Gesture Control, IR Remote.
- **H.264 Slice/H.264 SVC Encoding Support:**
  The camera supports H.264 encoding with Slice and SVC modes, suitable for USB video conferencing.
- **Dual Stream:**
  It can output two-channel code streams (any two of YUY2, MJPEG, H.264), reducing the load on the host system for encoding and decoding.
- **Rich and Complete Interface:**
  The camera supports various interfaces, including HDMI, USB 3.0, RS232, RS485, and can output 4K video simultaneously.
- **Three Ways of Power Supply:**
  The camera can be powered via USB 5V, a 12V adapter, or Power Over Ethernet (POE).
  These features make this camera suitable for video conferencing and other applications where high-quality video and audio, as well as intelligent tracking and control, are important

Cyt Fx4 (VT-2Z)

Appearance Display

Lens

SOLVISION
Cyt Fx4 (VT-2Z)

Standby Indicator light

Power Indicator light

NET Interface
HDMI Interface
RS232 Interface
USB3.0 Interface
DC 12V Interface
RS485 Interface
LINE IN Interface

Gesture Control

Begin Tracking	Zoom in	Zoom out
Recover 0x Zoom	Stop Tracking	Voice Tracking
Auto Zoom	Auto Tracking	Auto Frame
4K 60fps	12x Optical zoom	4 Mic arrays
USB 3.0	HDMI	Support NDI|HX
Support POE	Pan:±170° Tilt:-30°+90°	Rich interface

Auto Frame

- Facial Tracking and Motion Detection: The system intelligently combines facial tracking and motion detection. It can recognize people entering or leaving the defined area.
- Automatic Framing and Zoom: When people enter or leave the viewing area, the system automatically adjusts its framing and zoom level to ensure that the speaker or participants are always in focus.

This combination of features suggests that the Cyt Fx 4(VT-2Z)is designed to enhance video conferencing and other applications where keeping the focus on the active speaker or participants is crucial. It simplifies the process by automatically adjusting the camera settings based on movement and facial recognition.

Work as a IP Camera

Specifications

Model No.	Cyt Fx 4 (VT- 2Z)
Sensor	SONY 1/2.5" CMOS
Effective Pixels	8.5 M ,16：9
Signal System	PAL/NTSC
Resolution	HDMI,4KP30fps,4KP25fps,1080P30,1080P29.29,1080P25
Optical Lens	12x, f4.4mm ~ 52.8mm,
Digital Lens	16x
Horizontal View Angle	8.2°（tele）71°（wide）
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Iris Value	F1.8 ~ F2.6
Exposure Control	Auto, Manual, AE Priority, Compensation
Shutter Speed	1/30s ~ 1/10000s
Gain	Automatic,indoor,outdoor,one-button,manual, specified color temperature
White Balance	Auto, Manual
Noise-Signal Ratio	≥55db
Image Effect	Color/Electroni Flip
OSD Menu	Support
Pan-Tilt	Horizontal Angle: ±170°(Maximum speed: 100° /s); Vertical Angle: -30° to +90°(Maximum speed: 60° /s)
No. of Preset Positions	9 - 255 (Optional Joy stick)
Preset Positions	Support
Video Output	HDMI, USB3.0 (Type C)
Control Interface	RS-232C(Mini 8-DIN)(VISCA) ,RS 485
Video Compressed Format	MJPG/H.264
Mic Sampling Rate	16KHz/48KHz
Mic Sensitivity	-26dBFs
Control Protocol	VISCA, PELCO P/D
Baud Rate	9600bps, 4800, 2400bps
Power Adapter	AC110V-AC220V to DC12V/2A, DC12V(DC11.5-DC12.5V)
Working Temperature	0℃～45℃
Storage Temperature	-10℃～+60℃
Power Consumption	<12W
Dimensions	170*145*165mm
Safety	BIS ,CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)