

PTZ Cyt FX4 4K Series PTZ Camera Cyt-Fx4 4K

The CytFx4 4k series Full 4K PTZ Camera offers perfect functions, superior performance and rich interfaces. Wide View Angle, Multi-protocols, Multiple Video Interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic colour rendition. It supports H.264/H.265 encoding which makes motion video fluent and clear even under less-than-ideal bandwidth conditions.



HDMI, 3.0 USB, LAN, RS232 IN&OUT, RS422



Multi Function Ports

3840 x 2160 60Fps | HDMI | USB | SDI | IP

Features

- Designed for video conferencing and other applications such as lecture capture and distance learning
- HDMI output
- USB interface for video
- Simultaneous video output over HDMI, USB SDI and LAN
- Universal PC compatibility through standard UVC 1.1 (USB Video Class) driver
- Works with popular soft codec and UC clients such as Microsoft® Teams, Zoom™, Blue Jeans™, Slack™, WebEx®, and GoToMeeting®
- USB camera control available from compatible apps such as Zoom Rooms
- Up to 255 camera pre-sets available, 10 accessible from IR remote, Pre-set Accuracy 0.1°
- Supports VISCA, Pelco-D, and Pelco-P camera control protocols
- Fast and accurate autofocus, plus auto white balance and auto exposure modes
- Fast and quiet pan and tilt mechanism
- Picture controls available for brightness, color, saturation, contrast, sharpness, and gamma.
- Easy, GUI-based configuration using integrated web server
- TCP/IP, RS-232, USB, and IR control – convenient handheld IR remote control included
- Delivers HD video resolutions including 3840/2160 @ 60 Hz (176×144 up to 1080p @ 60 Hz over USB)
- High-performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- Multi-element zoom lens with multi optical zoom and a multi horizontal field of view.
- Camera can be mounted on a wall, or inverted for ceiling installation with the mount kit
- Compatible with 1/4-20 UNC tripod screw thread standard
- Digital Noise Reduction 2D&3D
- Includes installation guide, IR remote control, 2-meter (6.5 foot) USB Type-A male to male cable, VISCA to RS-232 DB-9 adapter, lens cap, and external universal power supply

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Specifications

Cyt-Fx4 4K

Lance		12x	25x	
Camera Parameter				
Optical Zoom		12Xf=3.85~43.06mm	20Xf=7.1~175.95mm	
Sensor	1/2.8 inch high quality HD CMOS sensor			
Effective Pixels	16: 9, 8.51 megapixel			
Video Format	HDMI video format 3840*2160P60/50/25/59.94/29.97、1080P60/50/30/25/59.94/29.97、1080i60/50/59.94; SDI video format 1080P60/50/30/25/59.94/29.97、1080i60/50/59.94、720P60/50/59.94 USB video format MJPG: 3840*2160/1920*1080/1280*720 /1024*768 /1024*576/800*600/720*576/720*480/704*576/640*480 /640*360 /352*288/320*240P30			
View Angle		6.3° (tele) 83.7° (wide)	3.2° (tele) 72.7° (wide)	
AV		F1.8 ~ F3.56±5%	F1.61 ~ F5.19±5%	
Minimum Illumination	0.5Lux (F1.8, AGC ON)			
DNR	2D & 3D DNR			
White Balance	Auto / Manual/ One Push/ Specify color temperature			
Focus/Aperture/Electronic Shutter	Auto/Manual/One Push			
Exposure Mode	Auto/Manual/Shutter priority/Aperture priority/Brightness priority			
Aperture	F1.8~F11 CLOSE			
Shutter Speed	1/25~1/10000			
BLC	ON/OFF			
DRC	OFF/ Dynamic level adjustment			
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve			
SNR	≥55dB			
Input/Output Interface				
Video Stream	Dual stream output			
Video Compression Format	LAN Interface: H.265, H.264, dual stream output USB3.0 Interface: Main stream supports YUY2/MJPEG/H.264/NV12/H.265; Sub stream supports YUY2/MJPEG/H.264/NV12			
Audio Input Interface	Double track 3.5mm linear input			
Audio Output Interface	HDMI ,USB 3.0 ,USB 2.0 and LAN			
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT, Support remote upgrade, reboot and reset			
Control Interface	RS232-IN&Out, LAN			
Control Protocol	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/38400/9600/4800/2400bps			
Input Voltage	DC12V±10%			
Power Consumption	Maximum: 12W, Maximum: 1A			
PTZ Parameter				
Pan/Tilt Rotation	±170°, -30°~+90°			
Pan Control Speed	0.1 -100°/sec			
Tilt Control Speed	0.1-45°/sec			
Preset Speed	Pan: 100°/sec, Tilt: 45°/sec			
Preset Number	255 presets (10 presets by remote controller)			
Other Parameter				
Stored Temperature	-10°C~+60°C			
Storage Humidity	20%~95%			
Working Temperature	-10°C~+50°C			
Working Humidity	20%~80%			
Dimension	181mmX115mmX149mm			
Weight	1.15KG			
Safety	BIS ,CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)			
Accessory				
Package	Power Supply, RS232 control cable, USB3.0 connection cable, Remote Controller, User Manual			
Optional Accessories	Ceiling / Wall Mount (Extra Cost)			

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