

## PTZ Full HD PTZ Camera Cyt-Fx4 (AT Series)

### AI Function Real-Time Tracking

- The CytFx4 series Full HD PTZ Camera offers perfect functions, superior performance and rich interfaces. Full HD, 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, 3G SDI, LINE IN, LAN (POE), RS232 IN OUT, RS 422, 485**



## Multi Function Ports

**1920\*1080P 60Fps | HDMI | USB 3.0 | SDI | Compatible**

### Features

- Designed for video conferencing and other applications such as lecture capture and distance learning
- HDMI output, 3GSDI and IP
- USB 3.0 interface for video
- Simultaneous video output over HDMI, USB and 3G SDI
- 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 1080p @ 60 Hz (176×144 up to 1080p @ 60 Hz over USB 3.0)
- 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 an 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 (AT Series)

Model	Cyt-Fx 4-12	Cyt Fx 4-20	Cyt Fx 4-30
<b>Camera Parameter</b>			
Optical Zoom	12Xf=3.9~46.8mm	20Xf=5.2~98mm	30Xf=4.3~129mm
Sensor	1/2.8 inch high quality HD CMOS sensor		
Effective Pixels	16: 9, 2.07 megapixel		
Video Format	HDMI/SDI video format 1080P60/50/30/25, 1080i60/50, 720P60/50, 1080P59.94, 1080i59.94, 1080P29.97, 720P59.94, 720P29.97USB3.0 interface video formatMain Stream - YUY2/MJPEG/NV12/H.264/H.265:1920×1080P30,1280×720P30,1024×576P30,960×540P30,800×448P30,720×480P30,640×360P30,640×480P30,320×176P30Sub Stream -YUY2/NV12: 640×360P30,640×480P30,320×176P30MJPEG/H.264/H.265: 1920×1080P30,1280×720P30,1024×576P30,960×540P30,800×448P30,720×480P30,640×360P30, 640×480P30,320×176P30		
View Angle	6.3° (tele) 83.7° (wide)	3.2° (tele) 72.7° (wide)	2.34° (tele) 69° (wide)
AV	F1.8 - F2.4	F1.5 - F3.0	F1.6 - F4.7
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		
<b>Input/Output Interface</b>			
Video Stream	Dual stream output		
Video Compression Format	LAN Interface: H.265, H.264, dual stream outputUSB3.0 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		
Output Interface	HDMI, SDI, LAN, USB3.0		
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181,VISCA OVER IP, IP VISCA, RTMPS, SRT,Support remote upgrade, reboot and reset		
Control Interface	RS232-IN, RS232-OUT, RS422 (compatible with RS485)		
Control Protocol	VISCA/Pelco-D/Pelco-P, Baud Rate: 115200/38400/9600/4800/2400bps		
Input Voltage	DC12V±10%		
Power Consumption	Maximum: 12W, Maximum: 1A		
<b>PTZ Parameter</b>			
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)		
<b>Other Parameter</b>			
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,(ISO 9001:2015 14001:2015 ,45001:2018, 27001:2022 -IAF Certified)		
<b>Accessory</b>			
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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