

## 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.



### 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.

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

- 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             |
| Camera Parameter                  |   |                          |                          |                         |
| 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   |                          |                          |                         |
| Input/Output Interface            |   |                          |                          |                         |
| 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   |                          |                          |                         |
| 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℃~+60℃   |                          |                          |                         |
| Storage Humidity                  | 20%-95%   |                          |                          |                         |
| Working Temperature               | -10℃~+50℃   |                          |                          |                         |
| Working Humidity                  | 20%-80%   |                          |                          |                         |
| Dimension                         | 181mmX115mmX149mm   |                          |                          |                         |
| Weight                            | 1.15KG  |                          |                          |                         |
| Saftey                            | BIS,CE,FCC, RoHS,(ISO 9001:2015 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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