



## 24 Evoness SRL

Str. Bega Nr. 6  
400601 Cluj-Napoca  
Romania

Tel.: +40 744 539702

E-mail: [videocapture@tehnicavizuala.ro](mailto:videocapture@tehnicavizuala.ro)

Website: [www.tehnicavizuala.ro](http://www.tehnicavizuala.ro)

## EVO-PTZ-4K60-25X



### Functions & Features

The **EVO-PTZ-4K60-25X** is a brand new UHD 4K camera model with complete functions, excellent performance and rich interfaces.

Boasting advanced ISP processing technology and algorithm, the **EVO-PTZ-4K60-25X** camera delivers vivid image and uniform picture brightness.

### Key Features

- **4K UHD Resolution:** SONY CMOS sensor. Resolution is up to 4K with frame rate up to 60fps.
- **Dual Stream Output:** USB supports the main stream and sub stream output at the same time, and can meet the needs of near-end and far-end.
- **Optical Zoom Lens:** 25x optical zoom 59.2° wide-angle lens
- **Interfaces:** Supports 4K HDMI, 3G-SDI, LAN, USB 2.0 video and audio transfer
- **Leading Auto Focus Technology:** Fast, accurate and stable auto focusing technology.
- **Low Noise and High SNR:** Super high SNR image is achieved with low noise CMOS. Advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity.
- **Multiple Audio/Video Compression Standards:** LAN interface supports H.264/H.265 video compression, USB2.0 interface supports MJPG、H264、YUY2、NV12; Audio-IN interface supports AAC, MP3, G.711A audio compression coding
- **Audio input interface:** 8000、16000、32000、44100、48000 sampling frequency. supports AAC, MP3 and G.711A audio compression
- **Multiple Network Protocol:** Supports ONVIF, GB/T28181, RTSP, RTMP protocols; Supports RTMP push mode, easy to be connected to streaming server (Wowza, FMS); Supports RTP multicast mode; Supports network full command VISCA control protocol.
- **Control Interface:** RS422 input (compatible with RS485), RS232 input/output, RS232 (cascade connection)
- **Multiple Control Protocol:** Supports VISCA, PELCO-D, PELCO-P Supports automatic identification protocols.
- **Multiple presets:** Up to 255 presets (10 presets via remote control).
- **Multiple Application:** Online-education, Lecture Capture, Webcasting, Studio & Broadcast



## 24 Evoness SRL

Str. Bega Nr. 6  
 400601 Cluj-Napoca  
 Romania  
 Tel.: +40 744 539702  
 E-mail: [videocapture@tehnicavizuala.ro](mailto:videocapture@tehnicavizuala.ro)  
 Website: [www.tehnicavizuala.ro](http://www.tehnicavizuala.ro)

### Specifications

Camera Parameters	
<b>Optical Zoom</b>	<b>25x</b> f=7.1 mm ~ 171.95 mm ±5%
<b>View Angle</b>	Horizontal: 2.5° (N) ~ 59.2° (W) Vertical: 1.4° (N) ~ 34.6° (W)
<b>Iris Value</b>	F1.61(Wide) ~ F5.19(Tele) ±5%
<b>Sensor</b>	1/1.8 inch SONY CMOS sensor
<b>Effective Pixels</b>	8.51 Megapixel 16:9
<b>Video Format</b>	<p><b>HDMI</b>            3840x2160p60/50/25/59.94/29.97;            1080p60/50/25/59.94/29.97;            1080i60/50/59.94;            1080p@30fps;            720p60/50/59.94</p> <p><b>SDI</b>            1080p60/50/25/59.94/29.97;            1080i60/50/59.94;            1080p@30fps;            720p60/50/59.94</p> <p><b>USB2.0</b>  <b>MJPG</b> : 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540            800x600 / 800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 480x270            352x288 / 320x240p60/50/30/25; 3840x2160p30</p> <p><b>H264</b> : 1920x1080 / 1600x896 / 1280x720 / 1024x576 / 960x540 / 800x600            800x448 / 720x576 / 720x480 / 640x480 / 640x360 / 480x270 / 352x288            320x240p60/50/30/25; 3840x2160p30</p> <p><b>YUY2</b> : 640x480 / 640x360 / 480x270 / 320x180p30/25</p> <p><b>NV12</b> : 640x480 / 640x360 / 480x270 / 320x180p30/25</p>
<b>Minimum Illumination</b>	0.5Lux (F1.8, AGC ON)
<b>DNR</b>	3D DNR
<b>White Balance</b>	Auto / Manual/ One Push/ Specified Temperature
<b>Focus</b>	Auto / Manual / One Push Focus
<b>Exposure Mode</b>	Auto / Manual / Shutter priority / Aperture priority / Brightness priority
<b>Aperture</b>	F1.8 ~ F11 CLOSE
<b>Shutter Speed</b>	1/25~1/10000
<b>BLC</b>	ON/OFF
<b>WDR</b>	OFF/ Dynamic level adjustment
<b>Video Adjustment</b>	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
<b>SNR</b>	≥50dB



## 24 Evoness SRL

Str. Bega Nr. 6  
 400601 Cluj-Napoca  
 Romania  
 Tel.: +40 744 539702  
 E-mail: [videocapture@tehnicavizuala.ro](mailto:videocapture@tehnicavizuala.ro)  
 Website: [www.tehnicavizuala.ro](http://www.tehnicavizuala.ro)

Interfaces	
<b>Video Interfaces</b>	HDMI, SDI, LAN (Supports POE), USB2.0, A-IN, RS232-IN, RS232-OUT, RS422 ( Compatible with RS 485 ) , Rotary DIP switch, DC12V Power Supply, Power Switch
<b>Video Compression Format</b>	LAN Interface: H.264, H.265 USB 2.0 Interface: MJPG, H264, YUY2, NV12
<b>Audio Input Interface</b>	Double track 3.5mm linear input
<b>Audio Output Interface</b>	HDMI, LAN, USB2.0
<b>Audio Compression Format</b>	AAC, MP3, G.711A
<b>Network Interface</b>	10M/100M/1000M adaptive Ethernet port, supports POE power supply, supports video and audio streaming output
<b>Network Protocols</b>	RTSP, RTMP, ONVIF, GB/T28181; Network VISCA control protocol; Support remote upgrade, reboot and reset
<b>Control Interface</b>	RS232-IN, RS232-OUT, RS422 compatible with RS485
<b>Serial Communication protocol</b>	VISCA / Pelco-D / Pelco-P; Baud Rate: 115200 / 38400 / 9600 / 4800 / 2400
<b>USB Communication Protocol</b>	UVC (Video), UAC (Audio)
<b>Power Interface</b>	HEC3800 outlet (DC12V)
<b>Supply Adapter</b>	AC110V~AC220V to DC12V/2.5A
<b>Input Voltage</b>	DC12V±10%
<b>Input Current</b>	<1A
<b>Power Consumption</b>	<12W

PTZ Parameter	
<b>Pan Rotation</b>	-110°~+110°
<b>Tilt Rotation</b>	-30°~+30°
<b>Pan Control Speed</b>	0.1°/s ~ 100°/s
<b>Tilt Control Speed</b>	0.1°/s ~ 70°/s
<b>Preset Speed</b>	Pan: 78.8°/s, Tilt: 31.7°/s
<b>Preset Number</b>	255 presets (10 presets via remote control)



## 24 Evoness SRL

Str. Bega Nr. 6  
 400601 Cluj-Napoca  
 Romania  
 Tel.: +40 744 539702  
 E-mail: [videocapture@tehnicavizuala.ro](mailto:videocapture@tehnicavizuala.ro)  
 Website: [www.tehnicavizuala.ro](http://www.tehnicavizuala.ro)

AI Function Parameter	
<b>Presenter Tracking</b>	Once there is a person being detected, the camera would automatically follow the movements, and zoom in/out to focus on the target. That is perfect for teaching recording, virtual meeting and any other streaming you want to deliver on your own. The longest tracking distance of up to 6 to 7 meters, can support the speaker to walk at 3 to 4 mph
<b>Zone Tracking</b>	After you preset different tracking zones, the camera will track and capture the target seamlessly between the presetting zones. Zone Tracking technology enables you to have a wide range of shooting angle with no dedicated operators required. 4 tracking areas can be set within $-170^{\circ}\sim+170^{\circ}$ horizontally and $-30^{\circ}\sim+90^{\circ}$ in vertical.

Other Parameter	
<b>Stored Temperature</b>	$-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$
<b>Storage Humidity</b>	20%~95%
<b>Working Temperature</b>	$-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$
<b>Working Humidity</b>	20%~80%
<b>Dimension</b>	220(L)mm*144mm(W)*159mm(H)
<b>Weight</b>	1.7kg
<b>Application</b>	Indoor

Accessory	
<b>Package</b>	Power Supply, RS232 Control Cable, USB2.0 Cable, IR Remote Control, User Manual, Warranty Card
<b>Optional Accessories</b>	Ceiling / Wall Mount (Extra Cost)

