



Full HD HDMI USB PTZ Camera 12x

The EVERET EVC312 is a high quality FHD PTZ Conference Camera with a professional Panasonic 1/2.8 inch 2.4MP CMOS sensor, 12x optical zoom lens and 72.5° diagonal field of view to capture every detail. Setup takes just a few minutes thanks to the simplicity of plug-and-play and easy setup with the OSD menu.

Features:

- ▶ Panasonic 1/2.4 inch 5 MP CMOS sensor
- ▶ 12x Optical Zoom
- ▶ 1080p60 full HD video over HDMI and USB3.0
- ▶ Smooth pan-tilt-zoom
- ▶ IP, HDMI and USB3.0 simultaneous output
- ▶ Power over Ethernet (PoE) support: get video, control and power supply with one CAT5/6 cable
- ▶ Supplied with functional IR remote controller
- ▶ Standard IP Visca, Serial Visca, Pelco-P/D control protocol; IP Visca over TCP/UDP
- ▶ Flexible mounting options with image flip function, support upside-down installation
- ▶ OSD menu, IP address, streaming resolution and size can be set in OSD menu
- ▶ 3 year warranty

Product specifications

Camera **EVC312**

Sensor Panasonic 1/2.8 inch 2.4MP CMOS sensor

Color Space 8bit RGB 4:4:4; ISP RAW (12bit)

Video

Video Interface HDMI / USB 3.0 (type-B) / RJ45 (IP)

Video Encoding H.264/H.265

Streaming Protocols RTMP / RTSP

Bitrate control Variable or Constant

Video Bitrate 1024Kbps ~ 16384Kbps

I-Frame Interval 3 - 120

Video format

HDMI 1920x1080P60/50/30/25/59.94/29.97/24/23.98
1920x1080I60/50/59.94
1280x720P60/50/30/25/59.94/29.97

USB 3.0 (type-B) **USB 3.0**
1920*1080P60/50/30/25
1280*720P60/50/30
USB 3.0 & USB 2.0
1280*720P25
1024*576P30
USB 2.0
960*540P30
640*360P30
512*288P30

RTMP / RTSP **Main Stream:**
1920x1080@15~60
1280x720@15~60
1024x576@15~60
Sub Stream:
1280*720@3~60
1024*576@3~60
640*360@3~60

Product specifications

Camera	EVC312
Lens	
Optical Zoom	12x
Digital Zoom	2x
Aperture	F1.8(Wide) – F2.8(Tele)
Focal Length	f=3.92~47.32mm
Horizontal Viewing Angle	72.5° (Wide) - 6.3°(Tele)
Vertical Viewing Angle	42.72° (Wide) - 3.66 (Tele)
Diagonal Viewing Angle	78.58° (Wide) - 7.42° (Tele)
PTZ	
Speed by Zoom	Yes
Pan/Tilt rotation range	Pan: -170° ~+170° Tilt: 30°~+90°
Pan/Tilt rotation speed	Pan: 0.1°~120°/s Tilt: 0.1°~80°/s
Pan & Tilt Speed	5 - 24
Zoom Speed	1 - 7
Presets	IR Remote : 10, WebUI: 128, EVKB200N: 128, Serial: 128

Product specifications

Camera	EVC312
Image	
Shutter Speed	1/8 – 1/10000s
Iris	F1.8 - F14
Minimum Object distance	Wide: 1m~INF; Tele: 1.5m~INF
Video S/N Ratio	>50dB
Minimum Illumination	0.01 lux
Focus	Auto / Manual / One Push Auto Focus
Gain Level	0-30Db
White Balance Modes	Auto/Indoor/Outdoor/Manual/One Push/ATW/ SON/ FL
Exposure Modes	Auto / Manual / Shutter Priority / Iris Priority / Brightness Priority
Wide Dynamic Range Level	Levels 1-6
Gamma	Levels 0-8
Anti-Flicker	OFF / 50Hz / 60Hz
3D NR	OFF / Auto / Level 1-4
2D NR	Yes
Image Flip	Yes
Image Mirror	Yes
Back Light Compensation	Yes

Product specifications

Camera	EVC312
Control	
Network (RJ45)	HTTP / ONVIF / VISCA over IP (TCP&UDP) / HTML5 (WebUI)
Serial	RS232 / RS422 / RS485 / PELCO P/D
IR Remote	Yes
Daisy Chain	Yes, up to 7 cameras
USB	USB3.0(UVC1.5), USB2.0(UVC1.1)
Visca over IP Port	52381
Network	
Default IP	192.168.1.188
Port Speed	1 Gb/s
PoE	POE+(IEEE802.3at)
DHCP	Yes
Multicast	Yes
HTTP Port	80
RTSP Port	554
RTSP Encrypt	Yes
General	
Environment	Indoor
Operating Temperature	-10°C~50°C
Operating Humidity	≤80%

Product specifications

Camera	EVC312
Power input	DC12V/POE+(IEEE802.3at)
Power Consumption	PoE+ : 9W, DC in: 9W
Dimensions (LxWxH)	220mm×190mm×173mm
Weight	1.4 KG
EAN EVC312	8720387387380



EVERET

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