



EVC320

Full HD HDMI USB PTZ Camera 20x

The EVERET EVC320 is a high quality FHD PTZ Conference Camera with a professional Panasonic 1/2.8 inch 2.4MP CMOS sensor, 20x 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 1/2.8 inch 2.4MP CMOS sensor
- ▶ 20x 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	EVC320
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)	USB3.0 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	EVC320
Lens	
Optical Zoom	20x
Digital Zoom	2x
Aperture	F1.5(Wide) – F3(Tele)
Focal Length	4.9 ~ 98mm
Horizontal Viewing Angle	60° (Wide) - 2°(Tele)
Vertical Viewing Angle	32.2°~1.8°
Diagonal Viewing Angle	61°~3.64°
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	EVC320
Image	
Shutter Speed	1/8 – 1/10000s
Iris	F1.8 - F14
Minimum Object distance	Wide: 1.5m~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	EVC320
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	EVC320
Power input	DC12V/POE+(IEEE802.3at)
Power Consumption	PoE+ : 9W, DC in: 9W
Dimensions (LxWxH)	220mm×190mm×173mm
Weight	1.4 KG
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EVERET

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