



VC-B50U

4K PTZ IP Camera

The Lumens® VC-B50U UHD PTZ IP camera features a 1 / 2.8 inch sensor with 4K Ultra HD. The 20x optical zoom lens, excellent white balance, and exposure mode provide clear images in low light and high-contrast environments. With Ethernet, HDMI, 3G-SDI and USB interfaces, it supports H.264 / HEVC (H.265) live broadcasting, ensuring top-quality visuals and compatibility with various equipment. Ideal for lecture recording, video conferencing, and live broadcasting.

Key Features

- A powerful and cost-effective UltraHD PTZ camera with 3G-SDI, HDMI, USB and IP streaming
- Supports 4K UHD
- Powerful 20x optical zoom
- Easy installation: delivers video output via Ethernet, HDMI, 3G-SDI and USB simultaneously
- Excellent support: 5 year warranty as standard



4K Video Output

Supporting 4K and 1080p output, VC-B50U is future-proofed for all your production requirements for years to come. The CMOS sensor is partnered with a high brightness zoom lens which enables the camera to excel in virtually every lighting condition. It makes the VC-B50U a great PTZ choice, whether installed in a studio, theatre, conference center, or lecture hall.



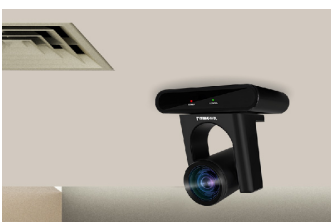
Quad Video Output

The camera delivers video over HDMI and SDI, making it suitable for AV and video workflows. Its USB video output is compatible with most VC / UC platforms and the Ethernet port is optimized to stream video over IP.



AV Integration and Control

Lumens VC-B50U supports both PoE (Power over Ethernet) and a 12v DC input. It also features dedicated RS-232 in-out ports, and Ethernet-based control protocol support (including Visca and Visca over IP). This gives the camera an unparalleled level of flexibility: whatever the video workflow, whatever the AV integration, VC-B50U is ready to take the complexity out of camera installation and management.



Flexible Mounting

The VC-B50U can be positioned upright or suspended from the ceiling installation. When inverted, the camera can re-orient the image and flip the camera controls.



Product Specifications

PTZ Camera		Output	
Sensor	1/2.8" 8MP CMOS	HDMI	2160p 30
Video Format	2160p : 30 / 25 1080p : 60 / 50 / 30 / 25 720p : 60 / 50	3G-SDI	1080p 60
Video Output (HD) Interface	HDMI / Ethernet / 3G-SDI / USB 3.0	IP Stream	PTZ Camera Main : 2160p 30 / 1080p 30 Second : 720p 30
Optical Zoom	20x	IP Compression	HEVC (H.265) / H.264
Digital Zoom	12x	USB Output	1080p 30
Horizontal Viewing Angle	58.7°	USB Compression	MJPEG
Vertical Viewing Angle	33°	Network	
Diagonal Viewing Angle	67.3°	IP Protocol	HTTP / RTSP / RTMP / RTMPS / SRT
Aperture	F1.6 ~ F2.8	PoE	Yes (IEEE802.3af)
Focal Length	4.9 mm ~ 94 mm	Audio	
Shutter Speed	1/25 ~ 1/10,000 sec	Audio Input	Line In
Minimum Object Distance	1000 mm	Audio Output	Ethernet / USB 3.0 / HDMI / SDI
Video S/N Ratio	> 50dB	Audio Compression Format	AAC / PCM
Minimum Illumination	1 Lux (F1.6, 50IRE, 30fps)	Camera Control	
Focus System	Auto / Manual	Interface	RS-232 / Ethernet / USB 3.0
Gain Control	Auto / Manual	Protocol	VISCA / VISCA over IP
White Balance	Auto / Manual	UVC	Yes
Exposure Control	Auto / Manual	UAC	Yes
WDR	Yes	General	
3D NR	Yes	DC In	12V +/- 20%
Image Flip	Yes	Power Consumption	PoE: 11W DC In: 10W
Pan & Tilt		Body Color	Black
Panning Angle	+170 ~ -170°	Weight	3.3 lbs (1.5 kg)
Panning Speed	0.2 ~ 120°/sec	Dimension	7.5" x 7.3" x 5.4" (190 × 185 × 138 mm)
Tilting Angle	+90 ~ -30°		
Tilting Speed	0.2 ~ 60°/sec		
Preset Positions	256		

I/O Connections



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