



# VC-B70U

## 4K PTZ IP Camera

### • INTRODUCTION

Elevate your visual production with the Lumens® VC-B70U. Featuring a 1/2.5" sensor and 20x optical zoom, this 4K Ultra HD camera delivers razor-sharp imagery even in low-light or high-contrast settings. Its advanced white balance and exposure modes ensure professional-grade clarity. Equipped with HDMI, 3G-SDI, Ethernet, and USB interfaces, it supports H.264/HEVC (H.265) for seamless, high-quality broadcasting. It is the perfect solution for lecture capture, corporate conferencing, and live streaming.



### • KEY FEATURES

- 4K UHD Clarity: Premium 1/2.5" sensor for stunning UltraHD video.
- 20x Optical Zoom: Powerful magnification for sharp, long-range shots.
- Quad-Output: Simultaneous HDMI, 3G-SDI, USB, and IP (H.265) streaming.
- RTSP, RTMP, SRT streaming support
- PoE for power, video, audio, and control over a single Ethernet cable
- Preset position support for quick recall of camera viewpoints
- Remote configuration and firmware upgrade via web UI
- Mount upright or inverted with standard mounting accessories
- 5-Year Warranty: Industry-leading support for long-term reliability.



Download Datasheet

# OUR MISSION

*"Your Success, Our Focus"*

Helping our customers grow and creating value for them is at the core of Lumens' philosophy – and that's why your success is always our focus.

# CONTACT US



Scan the QR code to get in touch with the Lumens team.

## • SPECIFICATIONS

PTZ Camera	
Sensor	1/2.5" 8MP CMOS
Video Format	2160p : 30 / 25 1080p : 60 / 50 / 30 / 25 720p : 60 / 50
Video Output (HD) Interface	HDMI / Ethernet / 3G-SDI / USB 3.0
Optical Zoom	20x
Digital Zoom	12x
Horizontal Viewing Angle	59.7°
Vertical Viewing Angle	33°
Diagonal Viewing Angle	68.3°
Aperture	F1.6 ~ F2.8
Focal Length	4.9mm ~ 94mm
Shutter Speed	1/25 ~ 1/10,000 sec
Minimum Object Distance	1000mm
Video S/N Ratio	> 50dB
Minimum Illumination	1 lux (F1.6, 50IRE, 30fps)
Focus System	Auto / Manual
Gain Control	Auto / Manual
White Balance	Auto / Manual
Exposure Control	Auto / Manual
WDR	Yes
3D NR	Yes
Image Flip	Yes
Pan & Tilt	
Panning Angle	+170° ~ -170°
Panning Speed	0.2° ~ 120°/sec
Tilting Angle	+90° ~ -30°
Tilting Speed	0.2° ~ 80°/sec
Preset Positions	256

Output	
HDMI	2160p 30
3G-SDI	1080p 60
IP Stream	PTZ Camera Main : 2160p 30 / 1080p 30 Second : 720p 30
IP Compression	HEVC (H.265) / H.264
USB Output	1080p 30
USB Compression	MJPEG
Network	
IP Protocol	HTTP / RTSP / RTMP / RTMPS / SRT
PoE	Yes (IEEE802.3af)
Audio	
Audio Input	Line In
Audio Output	Ethernet / USB 3.0 / HDMI / SDI
Audio Compression Format	AAC / PCM
Camera Control	
Interface	RS-232 / Ethernet / USB 3.0
Protocol	VISCA / VISCA over IP
UVC	Yes
UAC	Yes
General	
DC In	12V +/- 20%
Power consumption	PoE: 12.95W / DC In: 12W
Body Color	Black
Weight	3.3 lbs (1.5 kg)
Dimension	7.5" x 7.3" x 5.4" (190 x 185 x 138 mm)

## • I/O CONNECTIONS

