

DVDO

DVDO-C8-1-B

Full HD PTZ Camera with USB 2.0 (Black)

DVDO-C8-1-B is a high quality USB video conferencing PTZ camera with a 10X optical zoom and a horizontal FOV of 68.8°.

It features advanced ISP processing algorithms, offering vivid and high resolution video with a strong sense of depth and fantastic color rendition.

Applications:

- Video Conferencing
- Education
- Lecture Capture
- Webcasting
- Houses of Worship
- Healthcare
- Tele-medicine
- Courtrooms
- Broadcasting
- Command & Control Centers



Features

- High quality 1/2.9 inch CMOS sensor
- Full HD 1920x1080 resolution with frame rate up to 30fps
- Optical zoom: 10X
- Digital zoom: 10X
- Advanced auto focus technology: fast, accurate and stable
- Advanced 2D/3D noise reduction technology further reduces the noise while ensuring high image clarity
- Low noise CMOS produces high SNR image
- Control interface: RS485, RS232 (cascade connection)
- Multiple control protocols: VISCA, PELCO-D, PELCO-P with automatic protocol identification
- Highly accurate step driving motor allows extremely quiet Pan & Tilt motion
- Up to 255 presets (10 presets via remote control)

Technical Specifications

Camera Parameters	
Sensor	1/2.9 inch high quality CMOS sensor
Effective Pixels	2.07 megapixel, 16:9
Video Format	H264/H265/MJPEG: 1920×1080P@30/25/20/15/10/5fps 1280*720P@30/25/20/15/10/5fps 960*540@30/25/20/15/10/5fps 800*600@30/25/20/15/10/5fps 720*576@30/25/20/15/10/5fps 720*480@30/25/20/15/10/5fps 640*480@30/25/20/15/10/5fps 640*360@30/25/20/15/10/5fps 352*288@30/25/20/15/10/5fps 320*240@30/25/20/15/10/5fps YUY2: 1280*720@15/10fps 800*600@10/5fps 640*480@25/20/15/10/5fps 640*360@30/25/20/15/10/5fps
Viewing Angle	8.8° - 68.8°
Focus Length	F = 4.34 – 43.4mm
Aperture Value	F1.85 – F2.63
Optical Zoom	10x
Digital Zoom	10x
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual / One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K
Focus Mode	Auto / Manual / One Push
Exposure Mode	Auto / Manual
BLC	On/Off
Video Adjustments	Brightness, Color, Saturation, Contrast, Sharpness, B&W Mode, Gamma Curve
SNR	≥50dB
Interface	
Video Output	USB2.0 (A-Type)
Video Compression Format	MJPEG, H.264, H.265
Control Interface	RS232 (IN/OUT), RS485
Control Protocol	VISCA / Pelco-D / Pelco-P
Power interface	HEC3800 Power socket (DC12V)

USB Feature	
Operation Systems	Windows 7, Windows 8, Windows 10, Mac osx, Linux, etc
Video Compression Format	MJPEG/H264/H265
USB Communication Protocol	UVC
PTZ Parameters	
Pan Rotation	-170° - +170°
Tilt Rotation	-30° - +30°
Pan Speed	0.1°/s - 60°/s
Tilt Speed	0.1°/s - 40°/s
Preset Speed	Pan: 60°/s, Tilt: 40°/s
Preset Number	255 presets (10 via remote control)
Other Parameters	
Input Voltage	12V
Input Current	Maximum: 4.98A
Power Consumption	Maximum: 2.5W
Storage Temperature	-40°C - +70°C
Storage Humidity	20% - 90%
Working Temperature	-10°C - +50°C
Working Humidity	20% - 80%
Dimensions	156.8mm x 112.6mm x 139.5mm
Weight	1kg
Environment	Indoor
Package	Power Supply, RS232 Control Cable, IR Remote Control, User Manual, Warranty Card, USB2.0 Cable

Mounting Accessories



Wall Bracket – Black
MPN # DVDO-CB-2-B



Ceiling Bracket - Black
MPN # DVDO-CB-3-B