DVY21/22/23 BenQ Video Conferencing Camera

DVY21
1080P Meeting Room Webcam

DVY22
4K Digital Zoom Conference Camera
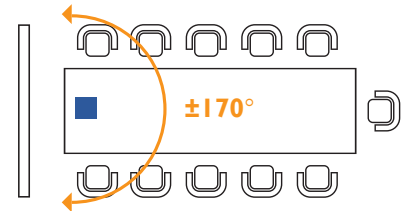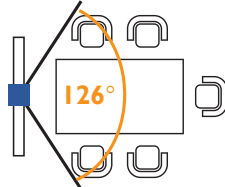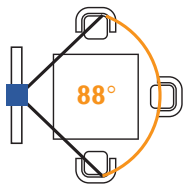
DVY23
1080 PTZ Conference Camera

Feature Highlights

- 88° wide field of view
- Clear Full HD video
- Omnidirectional microphones with noise suppression
- Adjusts to lighting conditions
- USB plug and play

- 126° wide field of view
- 4x digital zoom
- AI-powered auto framing
- Omnidirectional microphones with noise suppression
- Dual-stream support
- Super low-light performance
- USB 3.0 plug and play

- Ultra-detailed 20x optical zoom
- Pan: ±170° | Tilt: -30° to +90°
- Video outputs: USB 3.0, HDMI, 1GbE with PoE, 3G-SDI
- Streaming: RTSP and RTMP
- Control ports: RS232, RS422, RS485, LAN, and remote control
- USB 3.0 plug and play

Suggested Setup

88°

126°

±170°

Display   Camera   Field of View

Product Specifications

		DVY21	DVY22	DVY23
Camera	**Dimensions (H × W × D)**	30 mm × 102 mm × 46 mm (1.18 in × 4.02 in × 1.81 in)	56 mm × 220 mm × 93 mm (2.20 in × 8.66 in × 3.65 in)	150 mm × 181 mm × 116 mm (5.90 in × 7.13 in × 4.55 in)
	Weight	0.15 kg (0.33 lbs)	0.53 kg (1.17 lbs)	1.38 kg (3.04 lbs)
	Sensor	1080P FHD	4K UHD	1080P FHD
	Resolution	1080p, 720p, SD @ 30 fps	Main stream : 4K, 1080p, 900p, 720p @ 30 fps Sub stream : 720p, 480p, 172p @30 fps	1080p, 720p, SD @ 30 fps
	Field of view	Horizontal: 87° Vertical: 50° Diagonal: 88°	Horizontal: 120° Vertical: 85° Diagonal: 126°	Horizontal: 55° Vertical: 31° Diagonal: 63°
	Zoom	-	Digital : 4x	Optical : 20x / Digital : 10x
	Pan | Tilt	-	Digital	±170° | -30° to 90°
	Pan | Tilt speed	-	-	100°/sec | 45°/sec
	Focus	Fixed	Auto and manual	Auto and manual
	Auto framing	-	Yes	-
	Preset positions	-	10	Remote: 10 / LAN: 255
	Lens type	Glass	Glass	Glass
	Low light performance	0.5 Lux	0.1 Lux	0.5 Lux
Audio	**Microphone**	Omnidirectional mics	Omnidirectional mics	-
	Effective pickup distance	Up to 5 meters	Up to 8 meters	Subject to the mic you use
	Input	-	-	3.5 mm
	Output	-	-	HDMI, Ethernet, SDI
	Echo cancellation	Yes	Yes	-
Video	**Output**	USB 2.0	USB 3.0	USB 3.0, HDMI, Ethernet, SDI
Ethernet	**RJ-45**	-	-	• 1GbE port • Power over Ethernet
Control Interface	**In | Out**	-	-	RS232, RS422, RS485 | RS232
Power	**Voltage**	5V	5V	12V
Compatibility	**Operating systems**	Windows 7 (1080P/720P), Windows 8.1, Windows 10, macOS 10.10, Linux (UVC), and later versions		
	BenQ displays	CP01K, CS01, SL02K, ST02, RP02, RM02K, RM02S, RE01, RP01K, ST01K, and later models		
	USB	Plug and play	Plug and play	Plug and play
Package Contents	**Included**	• 1080P FHD webcam • Camera mount (built-in) • USB cable (built-in)	• 4K UHD conference cam • Remote control • Camera mount (built-in) • USB 3.0 Type-B	• 1080P FHD PTZ conference cam • Remote control • Camera mount (built-in) • USB 3.0 Type-B • Power supply

Input and Output Terminals

DVY21

USB 2.0

DVY22

USB 3.0 Type-B

DVY23

1. HDMI
2. USB 3.0 Type-B
3. 3G-SDI
4. LINE IN
5. RS232
6. RS422, RS485
7. LAN (RJ45)
8. DC 12V

BenQ