



# BenQ Video Conferencing Camera Buying Guide

## DVY21

1080P Meeting Room Webcam

PERFECT FOR: HUDDLE SPACES



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

## DVY22

4K Digital Zoom Conference Camera

PERFECT FOR: CONFERENCE ROOM



- 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

## DVY23

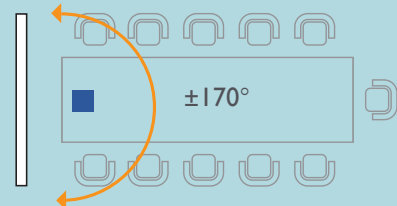
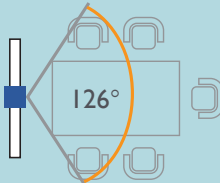
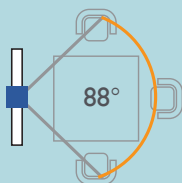
1080 PTZ Conference Camera

PERFECT FOR: BOARDROOMS



- 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



Display
  Camera
  Field of View

# CONNECTIVITY

## DVY21

## DVY22

## DVY23



USB 2.0



USB 3.0 Type-B



- 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

# PRODUCT SPECIFICATIONS

	DVY21	DVY22	DVY23	
Camera	<b>Dimensions (H × W × D)</b>	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)
	<b>Weight</b>	0.15 kg (0.33 lbs)	0.53 kg (1.17 lbs)	1.38 kg (3.04 lbs)
	<b>Sensor</b>	1080P FHD	4K UHD	1080P FHD
	<b>Resolution</b>	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
	<b>Field of view</b>	Horizontal: 87° Vertical: 50° Diagonal: 88°	Horizontal: 120° Vertical: 85° Diagonal: 126°	Horizontal: 55° Vertical: 31° Diagonal: 63°
	<b>Zoom</b>	-	Digital : 4x	Optical : 20x / Digital : 10x
	<b>Pan   Tilt</b>	-	Digital	±170°   -30° to 90°
	<b>Pan   Tilt speed</b>	-	-	100°/sec   45°/sec
	<b>Focus</b>	Fixed	Auto and manual	Auto and manual
	<b>Auto framing</b>	-	Yes	-
	<b>Preset positions</b>	-	10	Remote: 10 / LAN: 255
	<b>Lens type</b>	Glass	Glass	Glass
	<b>Low light performance</b>	0.5 Lux	0.1 Lux	0.5 Lux
Audio	<b>Microphone</b>	Omnidirectional mics	Omnidirectional mics	-
	<b>Effective pickup distance</b>	Up to 5 meters	Up to 8 meters	Subject to the mic you use
	<b>Input</b>	-	-	3.5 mm
	<b>Output</b>	-	-	HDMI, Ethernet, SDI
	<b>Echo cancellation</b>	Yes	Yes	-
<b>Video</b>	<b>Output</b>	USB 2.0	USB 3.0	USB 3.0, HDMI, Ethernet, SDI
<b>Ethernet</b>	<b>RJ-45</b>	-	-	• 1GbE port • Power over Ethernet
<b>Control Interface</b>	<b>In   Out</b>	-	-	RS232, RS422, RS485   RS232
<b>Power</b>	<b>Voltage</b>	5V	5V	12V
	<b>Operating systems</b>	Windows 7 (1080P/720P), Windows 8.1, Windows 10, macOS 10.10, Linux (UVC), and later versions		
<b>Compatibility</b>	<b>BenQ displays</b>	CP01K, CS01, SL02K, ST02, RP02, RM02K, RM02S, RE01, RP01K, ST01K, and later models		
	<b>USB</b>	Plug and play	Plug and play	Plug and play
<b>Package Contents</b>	<b>Included</b>	<ul style="list-style-type: none"> <li>1080P FHD webcam</li> <li>Camera mount (built-in)</li> <li>USB cable (built-in)</li> </ul>	<ul style="list-style-type: none"> <li>4K UHD conference cam</li> <li>Remote control</li> <li>Camera mount (built-in)</li> <li>USB 3.0 Type-B</li> </ul>	<ul style="list-style-type: none"> <li>1080P FHD PTZ conference cam</li> <li>Remote control</li> <li>Camera mount (built-in)</li> <li>USB 3.0 Type-B</li> <li>Power supply</li> </ul>