

DV01K

AI Smart 4K BenQ Board Camera



4K Capture teachers, students and classroom activities in **4K UHD clarity** with a **120° wide-angle field of view** and low distortion. The **4x digital zoom** provides additional framing flexibility.

AI-powered auto framing automatically keeps participants in view, while **AI voice tracking** detects and follows the active speaker, keeping them in focus during discussions and presentations.

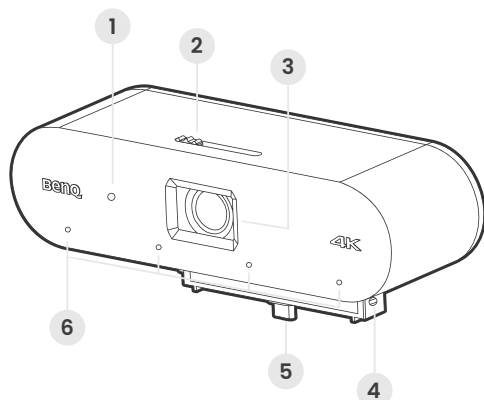
Four built-in omnidirectional microphones capture voices from up to **8 metres away**. **AI-powered active noise cancellation** helps reduce unwanted background noise for clearer communication in busy classrooms.

Low-light performance helps maintain clear video in challenging classroom lighting conditions, while the **privacy cover** provides added control when the camera is not in use.



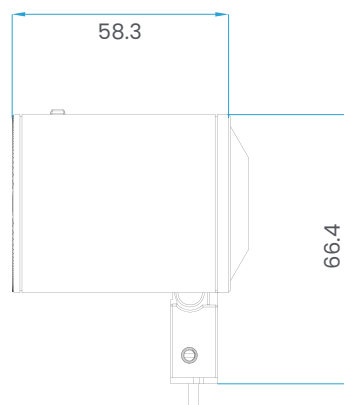
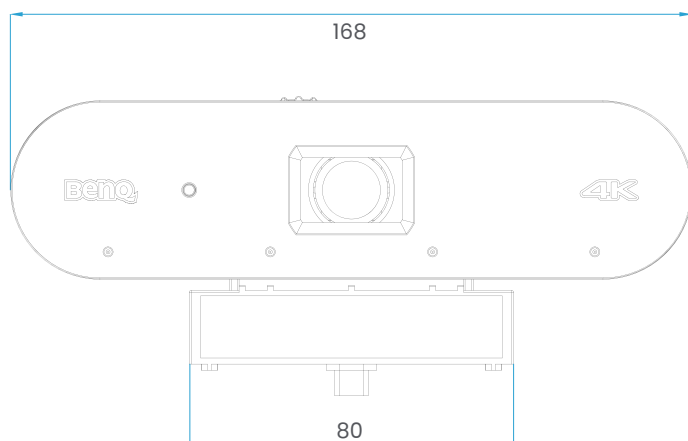
Camera	Sensor	Sony 4K UHD
	Resolution	4K @ 30 fps; 1080p @ 30/60 fps; 720p @ 30/60 fps
	Effective pixels	16:9, 8.29 MP
	Field of view	Horizontal: 110°; Vertical: 70°; Diagonal: 120°
	Zoom	4x digital
	Pan / Tilt	Digital
	Focus	Fixed
	Lens type	Glass
	Low-light performance	0.01 Lux
	DNR	2D & 3D DNR
	SNR	>45 dB
	Privacy cover	Yes
Audio	Microphones	4 × omnidirectional microphones
	Pickup distance	Up to 8 m
Video	Output	USB 2.0 Type-C
	Compression formats	H.264, H.265, MJPEG, YUY2
AI features	AI auto framing	Yes
	Auto-reframe when participants enter	Yes
	AI voice tracking	Yes
	AI active noise cancellation	Yes
	AGC (auto gain control)	Yes
Power	Input voltage	DC 5 V
	Input current (max.)	1 A
	Power consumption (max.)	5 W
Compatibility	Operating systems	Windows 7 (1080P/720P), Windows 8.1, Windows 10, Windows 11, macOS™ 10 and higher, Linux (UVC), Chrome™ OS Version 29.0.1547.70 and higher
	USB	Plug and play
	BenQ Interactive Displays	RP04, RM04, RE04, RP05, RM05, RE05, RE05E, RE05A
Physical	Dimensions (W x H x D)	168 × 66.4 × 58.3 mm
	Weight	0.30 kg
Camera mount*	Upper bracket	× 1
	Lower bracket	× 1
	M3 screws	6 mm × 5
	USB-C to USB-A cable	1.8 m × 1
	Cable saddles	× 2

CAMERA INTERFACE

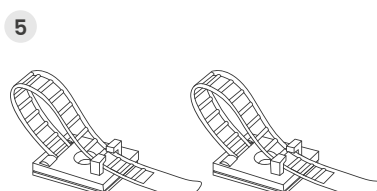
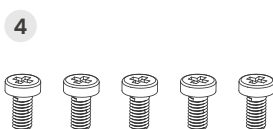
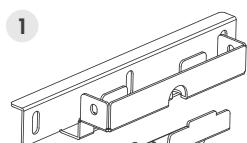


- 1 STATUS LIGHT
(LIGHTS UP BLUE WHEN CAMERA IS ON)
- 2 PRIVACY COVER SWITCH
- 3 FIXED-FOCUS LENS
- 4 SCREW HOLE
- 5 USB-C CONNECTOR
- 6 OMNIDIRECTIONAL MICROPHONES

CAMERA DIMENSIONS (MM)



CAMERA MOUNT CONTENTS



- 1 UPPER BRACKET
- 2 LOWER BRACKET
- 3 USB-C TO USB-A CABLE (1.8 M)
- 4 M3 SCREWS (6 MM)
- 5 CABLE SADDLES

Warranty terms and conditions may change based on the country of purchase and local regulations.



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