

PTZOptics Webcam 80

Technical Specifications

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Complete hardware and performance specifications for the PT-WEBCAM-80.

Camera & Lens

Feature	Specification
Video Sensor	Panasonic 1/2.7" CMOS, 2.07 Megapixels
Scanning Mode	Progressive
Focal Length	3.5mm
Field of View	80 degrees
Minimum Illumination	0.5 Lux at F1.8, AGC ON
Shutter Speed	1/30s – 1/10000s
Signal-to-Noise Ratio (SNR)	>= 55 dB
Vertical Flip & Mirror	Supported
Wide Dynamic Range (WDR)	Supported
White Balance	Auto, 3000K (Indoor), 5000K (Outdoor), VAR, One Push, Manual
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Aspect Ratio	16:9
Digital Zoom	1x - 8x Supported

Resolutions & Frame Rates

Resolution	Frame Rates
1920 x 1080 (1080p)	30 fps, 25 fps
1280 x 720 (720p)	30 fps, 25 fps
960 x 540 (540p)	30 fps, 25 fps
640 x 360 (360p)	30 fps, 25 fps

Connection

Feature	Specification
Video Outputs	(1) USB 2.0
Integrated Cable Length	4 ft, 8 in (142 cm)

Audio

Feature	Specification
Microphones	Built-in Microphone Array
Mic Pickup Range	Up to 8 feet (2.4 meters)
Audio Interface	USB Audio Class (UAC)

Electrical

Feature	Specification
Power Supply	USB 2.0, 5V
Current Consumption	200 mA
Power Consumption	1 W

Physical Specifications

Feature	Specification
Camera Dimensions (in.)	4.6" W x 1.5" H x 1.2" D (not including mounting bracket)
Camera Dimensions (mm)	118 W x 37.2 H x 30.8 mm (not including mounting bracket)
Camera Weight	0.35 lbs (0.16 kg)

Regulatory Compliance

Standard	Certification
FCC	FCC 47 CFR Part 15 Subpart B – Class A:2011, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2:2019, EN 61000-3-3:2013, EN 55035:2017, EN 55024:2010+A1:2015, EN 62368-1:2014+A11:2017
RoHS	ROHS 2011/65/EU + (EU) 2015/863