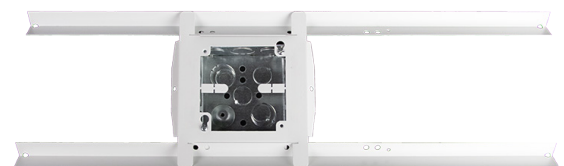




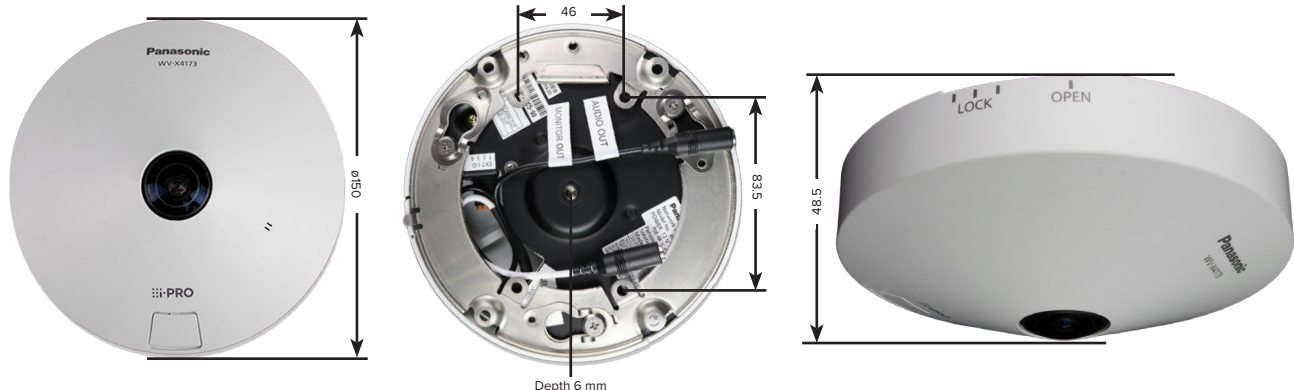
12 Megapixel 360-degree Network Fisheye Camera

The **EduCam360-C** is a classroom camera that allows educators, administrators, and security personnel to see the entire classroom in the highest quality. Capturing video at resolutions up to 4000x3000, the EduCam360-C provides clarity like never before. Bandwidth efficiency is intelligently increased for longer recordings and less storage space compared to any H.264 based compression techniques.

- 12 MP Sensor
- H.265 Smart Coding
- Onvif profile G / S / T
- PoE Powered
- FIPS140-2 CAVP compliant
- H.264/H.265 & MJPEG dual-stream encoding



Tile bridge included with most kits



EduCam360-C Camera	
Image Sensor	Approx. 1/2 type 12MP CMOS image sensor
Minimum Illumination	Color : 0.3 lx, BW : 0.2 lx (F1.9, Maximum shutter : Off (1/30 s), AGC : 11)
	Color : 0.02 lx, BW : 0.01 lx (F1.9, Maximum shutter : max. 16/30s, AGC : 11)
Maximum shutter	Max.16/30s to Max. 1/10000s
Wide Dynamic Range	On / Off, The level can be set in the range of 0 to 31.
Dynamic Range	Max.84 dB (Wide Dynamic Range : On, Level: 31)
Image Settings	Gain (AGC), White balance
Day / Night (Electrical)	Off / Auto
Video Motion Detection (VMD)	On / Off, 4 areas available
Intelligent VMD (i-VMD)	Type 8 *Bundled License
Privacy Zone	On / Off, Up to 8 zones available
Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)
Fixing angle adjustment	-5°, 0°, +5°
Lens	
Zoom Ratio	1x
Digital (electronic) zoom	Choose from 3 levels of x1, x2, x4
Focal length	1.4 mm {1/16 inches}
Maximum Aperture Ratio	1 : 1.9
Focus range	0.5 m {19-11/16 inches} -
Angular Field of view	Horizontal : 183° Vertical : 183°
DORI	
Distance to the object in the center of the image	Detect (25 ppm / 8 ppf) : 29.9 m / 98.2 ft
	Observe (62.5 ppm / 19 ppf) : 12.0 m / 39.3 ft
	Recognize (125 ppm / 38 ppf) : 6.0 m / 19.6 ft
	Identify (250 ppm / 76 ppf) : 3.0 m / 9.8 ft
Coverage radius when mounted at a height of 3 m (10 ft)	Detect (25 ppm / 8 ppf) : 56.1 m / 184.2 ft
	Observe (62.5 ppm / 19 ppf) : 20.6 m / 67.6 ft
	Recognize (125 ppm / 38 ppf) : 8.4 m / 27.6 ft
	Identify (250 ppm / 76 ppf) : 0.3 m / 0.9 ft
Network	
Network IF	10Base-T / 100Base-TX, RJ45 connector
H.265/ H.264	Transmission Mode Transmission Type
Audio Compression	Constant bit rate / VBR / Frame rate / Best effort Unicast port (AUTO)/ Unicast port (MANUAL)/ Multicast G.726 (ADPCM) : 16 kbps / 32 kbps G.711 : 64 kbps AAC-LC : 64 kbps / 96 kbps / 128 kbps
Maximum concurrent access number	Up to 14 users (Depends on network conditions)

Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ
SDXC/SDHC/SD	H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC JPEG recording : Manual REC / Alarm REC (Pre/Post)
ONVIF Profile	G / S / T
Input/ Output	
Monitor output (for adjustment)	VBS : 1.0 V [p-p] / 75 , composite, ø3.5 mm mini jack An NTSC or PAL signal can be outputted from camera
Audio Input For microphone	ø3.5 mm stereo mini jack, Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -48 dB ±3 dB (0 dB=1 V / Pa,1 kHz)) Input impedance : Approx. 2 k (unbalanced) Supply voltage : 2.5 V ±0.5 V For line Input level : Approx. -10 dBV
Built-in microphone	Nondirectional electret condenser microphone
Audio Output	ø3.5 mm stereo mini jack (monaural output) Output impedance : Approx. 600 (unbalanced) Output level : -20 dBV
General	
Safety	UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1
EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55024, EN55035
Power Source and Power Consumption	DC power supply :DC 12 V 560 mA/Approx. 6.7W PoE (IEEE802.3af compliant) Device : DC 48 V 150 mA/Approx. 7.2 W (Class 0 device)
Ambient Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Ambient Operating Humidity	10% to 90 % (no condensation)
Dimensions	ø150 mm × 49.5 mm (H) (ø5-29/32 inches × 1-15/16 inches (H))
Mass (approx.)	Approx. 420 g (0.93 lbs)
Finish	Main body : ABS resin, i-PRO white