



# DL30

## AI Auto Tracking Distance Learning Camera



- Distance Learning Ready
- Privacy Mode
- 2 Auto Tracking Modes
- 12x Optical Zoom
- PoE+
- 3Yr Warranty

### Engage every student as if they were still in class

The DL30 is a powerful distance learning tool that allows teachers to fully engage with their students no matter where they are learning. Specifically designed for the modern classroom, the DL30 enables teachers to fully move about the room while the camera automatically follows to engage both in-class and remote learners equally. Featuring AI Auto Tracking, 12X Optical Zoom, PoE+ with USB connectivity, the DL 30 allows teachers to focus on all students without worry.

### Hands-Free AI auto tracking

The DL30 utilizes advanced Artificial Intelligence (AI) which can be set to either Presenter Tracking or Zone Tracking. Presenter Tracking tracks the entire body, or half the body instead of just the face without the need to wear a lanyard. The camera does not rely on voice tracking which can confuse other cameras as to who to track in the classroom. Tracking even works if the teacher is wearing a PPE mask and remote students will never lose sight.



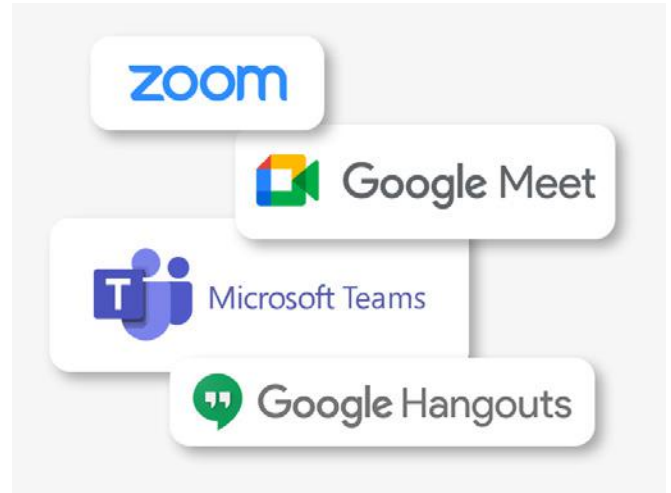
## Privacy mode

In order to protect student and teacher privacy when the camera is not in use, the DL30 automatically rotates the camera head 90° downward so nothing can be viewed. When Privacy Mode is activated, the LED light will turn orange, indicating that the camera is no longer active, while it can be taken out of Privacy Mode with a short press of the power button.



## Distance learning ready

The DL30 is fully compatible with all popular video conferencing platforms such as Zoom, Google Meet, Google Hangouts and Microsoft Teams to connect and stream professional quality videos or record and save your lessons for later reference.



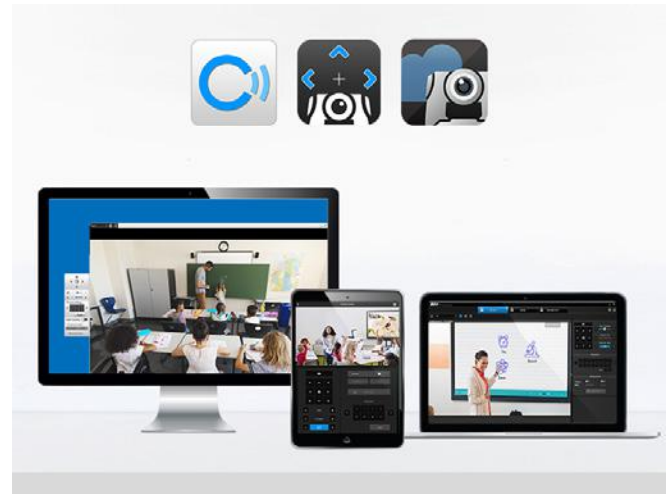
## 12X optical zoom for superior clarity

The 2MP camera with 12X optical zoom outputs high definition and real-life video to keep remote students engaged. Compared with basic digital zoom which can be grainy and unclear, the 12X optical zoom clearly shows the finest details of physical demonstrations, whiteboard work, IFP content, science experiments, and any other curriculum content no matter where it is located in the room. Share real-life content with brilliant clarity for a true classroom experience no matter where your students are learning.



## Intuitive and interactive software for teachers and IT managers

Enhance your distance learning and engage your remote students with CaptureShare, our interactive distance learning software that enables teachers to deliver engaging lessons for your students no matter where they are learning from. AVerPTZ Control Panel for iPad allows the teacher to control his or her camera from the iPad, while PTZ Management allows your IT staff to manage and maintain hundreds of cameras in the district from a single location.



## Specifications

Camera					
Image Sensor	1/2.8" 1080p Low Lux CMOS	WDR	Yes	Pan/Tilt Angles	Pan: ±170° Tilt: ±90°
Effective Picture Elements	2 Megapixels	White Balance	Auto, Manual	Pan/Tilt Speed (Manual)	Pan: 1° to 90°/sec Tilt: 7.85° to 45°/sec
Output Resolutions	1080p/60 (IP Streaming & USB)	Optical Zoom	12X	Preset Speed	Pan: 120°/sec Tilt: 110.84°/sec
Minimum Illumination	0.5 Lux (IRE50, F1.6, 30fps)	Digital Zoom	2X		

S/N Ratio	>50 dB	Viewing Angles	DFOV : 84.1° (Wide) to 7.8° (Tele) HFOV : 76.5° (Wide) to 6.8° (Tele) VFOV : 47.3° (Wide) to 3.8° (Tele)	Preset Positions	10 (IR), 256 (IP & USB)
Gain	Auto, Manual			Camera Control - Interfaces	IP, USB
TV Lines	800 (Center), 600 (Corner)	Focal Length	f = 3.9 mm (Wide) to 46.8 mm (Tele)	Camera Control - Protocols	VISCA (IP), CGI (IP), USB
Shutter Speed	1/4 to 1/10,000 sec (60 Hz) 1/3 to 1/10,000 sec (50 Hz)	Aperture (Iris)	F = 1.6 (Wide) to 2.8 (Tele)	Image Processing	Noise Reduction (2D/3D), Flip, Mirror, WDR
Exposure Control	Auto, Manual, WDR	Minimum Working Distance	0.3 m (Wide), 1.5 m (Tele)	Power Frequencies	50 Hz, 60 Hz

#### AI Auto Tracking Functions

Tracking Modes	Presenter Mode, Zone Mode
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#### Audio

Channels	2ch Stereo	Codecs	AAC, PCM	Sample Rates	AAC (48/32/16/8 KHz), PCM (48 KHz)
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#### Interface

Video Outputs	IP, USB	Audio Outputs	IP, USB	Audio Inputs	Mic in, Line in
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#### General

Power Requirement	AC 110–220V to DC 12V/2A	Net Weight	1.62 (±0.1) kg	Remote Control	Infrared
Power Consumption	12W	Application	Indoor	Operating Conditions	Temperature: 0°C to 40°C Humidity: 20% to 80%
PoE	PoE+	Tally Lamp	N/A	Storage Conditions	Temperature: -20°C to 60°C Humidity: 20% to 95%
Dimensions (W x H x D)	158.8 x 200.0 x 162.2 mm	Security	Kensington Slot		

#### IP Streaming

Resolution	1080p 60fps	Bit-Rate Range Setting	512 Kbps to 32 Mbps
Network Video Compression Formats	H.264, MJPEG (Web Page)	Network Interface	10/100 Base-T
Network Audio Compression Formats	AAC	NDI®/HX Capability	N/A
Sample Rates	48, 32, 16, 8 KHz	Multi-Stream Capability	2 (1 for IP Streaming, 1 for Web Page), (1 for USB, 1 for Web Page), 1080p 60fps (max.) 3 (1 for IP Streaming, 1 for Web Page, 1 for USB), 1080p 30fps (max.)
Maximum Frame Rate	1080p 60fps	Network Protocols	IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP
Bit-Rate Control Modes	VBR, CBR		

#### USB

Connector	USB 3.1 Gen 1 Type-B	Maximum Video Resolution	1080p	USB Audio Class (UAC)	UAC 1.0
Video Format	MJPEG, YUY2	USB Video Class (UVC)	UVC 1.1		

#### Web UI

Live Video Preview	Yes	Camera/Image Adjustment	Exposure, White Balance, Picture	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control				

#### Software Tools

IP Search and Configuration Tool	Supports Windows® 7 or later	PTZ Control Panel	Supports iPadOS® 9 or later
PTZ Management	Supports Windows® 7 or later	CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later

#### Warranty

Camera	3 Years	Accessories	1 Year
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#### Package Contents

Package Contents	Camera, Remote Control, Power Adapter, Power Cord, USB Cable, Cable Ties (x4), Cable Fixing Plate (x1), M2 x 4mm Screws (x2), 1/4"-20L 7.5mm Screw (x1), Quick Start Guide
Optional Accessories	Wall Mount Brackets (x2), M4 x 8mm Screw (x2), 1/4"-20L 7.5mm Screw (x1), Wall Mount Kit, Installation Guide, Ceiling Mount Brackets (x2), M3 x 6mm Screws (x3), 1/4"-20L 7.5mm Screws (x3), Ceiling Mount Kit Installation Guide

#### Ordering Info

Part Number	PAVPTDL30
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\* Specifications may vary depending on location and are subject to change without notice.



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