TRACK FURTHER
LEARN BIGGER

AVer DL10

Distance Learning Tracking Camera

zoom Certified

Equipped with high portability and a lightweight design, any educator can use the DL10 to directly connect to his/her laptop via USB port to start distance teaching anywhere. Featuring a Full HD 1080p resolution and a 2 megapixels camera, the DL10 delivers premium image quality. Through the DL10's three AI auto tracking modes and intuitive gesture control, teachers can easily setup different modes to create perfect classes.

Portable & Light-Weight

3 AI Tracking Modes

Gesture Control

Built-In Mic

IP & USB Outputs

2 Megapixels

6X Total Zoom

Sleep Mode

Distance Learning Ready

Perfect for Hybrid Teaching

Light-Weight & Portable

The DL10 weighs only 745g, giving teachers freedom to take work anywhere - just place the DL10 directly on the desk or on the tripod. USB plug-and-play functionality allows teachers to start distance teaching anytime, anywhere.

AI Auto Tracking

Equipped with industry leading AI auto-tracking algorithms, the DL10 can share the teacher's every move with the students. The DL10's AI does all the tracking work, without requiring any annoying add-on sensors or devices. Never worry about walking out of the frame or going out of focus again, remote students can see you on the screen wherever you go.

Balanced Zoom Ratio

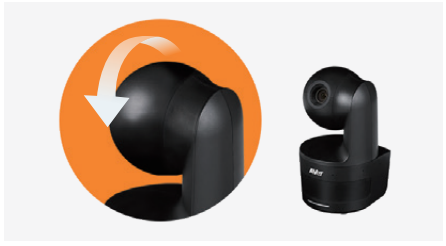
With budget in mind for schools, the DL10 is the perfect solution: 3X optical zoom delivers clear details, and 6X total zoom ratio is perfect for online or hybrid teaching in any standard K-12 classroom or at home.

Noise Suppression Microphones

The DL10's built in advanced noise suppression technology detects the teacher's speech while decreasing environmental noises such as keyboards, mouses, and books, delivers clearer sound quality for an excellent audio visual experience.

Sleep Mode for Privacy

Simply turn off your laptop or software when you finish teaching, and the DL10 will go to Sleep Mode and switch off all functionality within 10 seconds. When it's time to start teaching again, the DL10 will resume right where you left off with tracking and other settings unchanged. The DL10 makes privacy protection the way it should be: easy.



Innovative Gesture Controls

Gesture control allows the teacher to use intuitive gestures to turn on and off tracking, adjust shooting angles for bodies, etc. without touching the screen or using the keyboard, mouse, or remote control.

Product Specifications

Camera	
Image Sensor	1/2.8" 1080p Low Lux CMOS
Effective Picture Elements	2 Megapixels
Output Resolutions	1080p/60 (IP Streaming & USB)
Minimum Illumination	0.5 Lux (IRE50, F2.0, 30fps)
S/N Ratio	≥ 50 dB
Gain	Auto, Manual
TV Lines	800 (Center/Wide)
Shutter Speed	1/4 to 1/10,000 sec (60 Hz); 1/3 to 1/10,000 sec (50 Hz)
Exposure Control	Auto, Manual, WDR
WDR	Yes
White Balance	Auto, Manual
Optical Zoom	3X
Digital Zoom	2X
Viewing Angles	DFOV: 90° (Wide) to 35.8° (Tele) HFOV: 82° (Wide) to 31.7° (Tele) VFOV: 51° (Wide) to 17.9° (Tele)
Focal Length	f = 3.3 mm (Wide) to 9.7 mm (Tele)
Aperture (Iris)	F = 2.0 (Wide) to 3.7 (Tele)
Minimum Working Distance	0.5 m (Wide), 1.0 m (Tele)
Pan/Tilt Angles	Pan: ±170°; Tilt: ±90°
Pan/Tilt Speed (Manual)	Pan: 1° to 100°/sec; Tilt: 10.8° to 100°/sec
Preset Speed	Pan: 200°/sec; Tilt: 200°/sec
Preset Positions	10 (IR), 256 (IP & USB)
Camera Control - Interfaces	IP, USB
Camera Control - Protocols	VISCA (IP), CGI (IP), USB
Image Processing	Noise Reduction (2D/3D), Flip, Mirror, WDR
Power Frequencies	50 Hz, 60 Hz
AI Auto Tracking Functions	
Tracking Modes	Presenter Mode, Zone Mode, Hybrid Mode
Gesture Control	Yes (Tracking On/Off, Full/Upper Body)
Privacy Protection Mechanisms	
Protection Modes	Privacy Mode, Sleep Mode
Audio	
Channels	Line in: 2ch Stereo; Mic in: Mono
Codecs	AAC-LC (48, 32, 16, 8K), PCM (48K)
Sample Rates	48, 32, 16, 8 KHz
Microphones	
Built-in Microphones	2 (Omnidirectional)
Noise Suppression	Yes
Pickup Range	5 m
Sensitivity	-33 dBFS
Frequency Response	30 Hz to 20 KHz
Maximum SPL	129 dB SPL at 0.5 m
Interface	
Video Outputs	IP, USB
Audio Outputs	IP, USB
Audio Inputs	Line in, Mic in
Web UI	
Live Video Preview	Yes
Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Camera/Image Adjustment	Exposure, White Balance, Picture
Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS

General	
Power Requirement	AC 100 - 240V to DC 12V/2A
Power Consumption	11W
PoE+	N/A
Dimensions (W x H x D)	92.4 x 164.0 x 94.4 mm
Net Weight	0.76 kg
Application	Indoor
Tally Lamp	N/A
Security	Kensington Slot
Remote Control	Infrared
Operating Conditions	Temperature: 0°C to 40°C; Humidity: 20% to 80%
Storage Conditions	Temperature: -20°C to 60°C; Humidity: 20% to 95%
IP Streaming	
Resolution	1080p 60fps
Network Video Compression Formats	H.264, MJPEG (Web Page)
Network Audio Compression Formats	AAC-LC
Sample Rates	48, 32, 16, 8 KHz
Maximum Frame Rate	1080p 60fps
Bit-Rate Control Modes	VBR, CBR
Bit-Rate Range Setting	512 Kbps to 32 Mbps
Network Interface	10/100 Base-T
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.)
Network Protocols	IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP
NDI®|HX Capability	N/A
USB	
Connector	USB 3.1 Gen 1 Type-B
Video Formats	MJPEG, YUY2
Maximum Video Resolution	1080p
USB Video Class (UVC)	UVC 1.1
USB Audio Class (UAC)	UAC 1.0
Software Tools	
IP Search and Configuration Tool	Supports Windows® 7 or later
PTZ Management	Supports Windows® 7 or later
PTZ Control Panel	Supports iOS & iPadOS® 9 or later
OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® 10.13 or later
CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Warranty	
Camera	3 Years
Accessories	1 Year
Package Contents	
Camera, Remote Control, Power Adapter, Power Cord, USB Cable, Cable Ties (x3), Cable Fixing Plate, M2 x 4mm Screws (x2), 1/4"-20L 7.5mm Screw (x1), Quick Start Guide	
Optional Accessories	
Wall Mount Kit (Brackets (x2), M4 x 8mm Screws (x2), 1/4"-20L 7.5mm Screw (x1), Wall Mount Kit Installation Guide), Ceiling Mount Kit (Brackets (x2), M3 x 6mm Screws (x3), 1/4"-20L 7.5mm Screws (x3), Ceiling Mount Kit Installation Guide), Tripod	

* Specifications may vary depending on location and are subject to change without notice.

Product Appearance

Front

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