AVer **DL30**

Boost Your Distance Learning with Auto Tracking

Distance Learning Tracking Camera

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, F1.6, 30fps)
S/N Ratio	> 50 dB
Gain	Auto, Manual
TV Lines	800 (Center), 600 (Corner)
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	12X
Digital Zoom	2X
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)
Focal Length	f = 3.9 mm (Wide) to 46.8 mm (Tele)
Aperture (Iris)	F = 1.6 (Wide) to 2.8 (Tele)
Minimum Working Distance	0.3 m (Wide), 1.5 m (Tele)
Pan/Tilt Angles	Pan: ±170°, Tilt: ±90°
Pan/Tilt Speed (Manual)	Pan: 1° to 90°/sec, Tilt: 7.85° to 45°/sec
Preset Speed	Pan: 120°/sec, Tilt: 110.84°/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

Audio

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

Interface

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

General

Power Requirement	AC 110–220V to DC 12V/2A
Power Consumption	12W
PoE	PoE+
Dimensions (W x H x D)	158.8 x 200.0 x 162.2 mm
Net Weight	1.62 (±0.1) 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
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 Format	MJPEG, YUY2
Maximum Video Resolution	1080p
USB Video Class (UVC)	UVC 1.1
USB Audio Class (UAC)	UAC 1.0

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

Software Tools

IP Search and Configuration Tool	Supports Windows® 7 or later
PTZ Management	Supports Windows® 7 or later
PTZ Control Panel	Supports iPadOS® 9 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 (x4), Cable Fixing Plate (x1), 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)

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