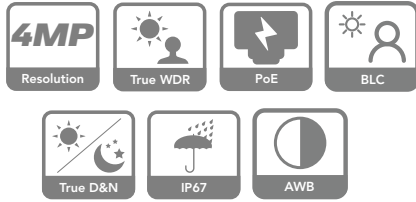# AVC–ELN41AVT
4MP H.265 WATER–PROOF TURRENT NETWORK CAMERA

4MP H.265 IR WATERPROOF TURRENT NETWORK CAMERA

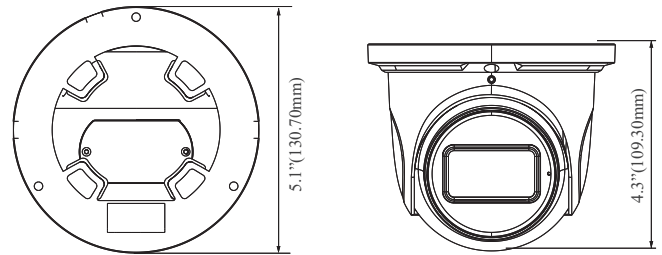*4MP H.265 IR WATER-PROOF TURRENT NETWORK CAMERA*

The AVC-ELN41AVT is our 4MP Network IR Eyeball Camera with a 2.8mm varifocal lens and featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for stand-alone recording applications. The AVC-ELN41AVT can be powered by both PoE(802.3af) and DC12V and also includes a hardware reset button.

4MP Resolution	True WDR	PoE	BLC
True D&N	IP67	AWB	

FUNCTIONS

- H.265 /H.264/MJPEG coding
- Max.resolution: 4MP (2560 x 1440)
- ICR auto switch, True day / Night Vision
- 3D DNR, WDR, HLC, BLC, smart IR, etc.
- Up to 165ft IR Night Time Viewing Distance
- Built-in micro SD card slot, up to 256GB
- 1CH built-in MIC; 1CH audio input
- DC12V/PoE power supply
- IP 67 Ingress Protection
- Support Three Streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Intelligent analytics

DIMENSIONS

Unit : inch (mm)

5.1"(130.70mm)

4.3"(109.30mm)

OPTIONAL ACCESSORIES

AVM-EDMT-W-TL1   AVM-EWMT-W-TL1

AVYCON®

AVC-ELN41AVT
4MP H.265 WATER-PROOF TURRENT NETWORK CAMERA

SPECIFICATIONS

CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Image Size	2560 x 1440
Electronic Shutter	1/2s to 1/100,000s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8 ~ 12mm@1.4
Field of View	Horizontal : 92 °~31 °; Vertical: 48 °~17.2°; Diagonal: 112 °~ 35.6 °
Focus	Manual or Motorized
Lens Mount	Ø14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	Yes
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°;Rotation: 0°~360°

IMAGE	
Video Compression	Main stream: H.265 / H.264 Sub stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080),720P (1280 × 720), D1, 480× 240, CIF
Main Stream	60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)
Sub Stream	60Hz: 720P/D1/CIF (1~30fps);50Hz: 720P/D1/CIF (1~25fps)
Third Stream	60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

INTERFACES	
Network	1 x RJ45
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes

FUNCTIONS	
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS / CVMS 2.0
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion Detection, SD Card Full, SD Card Error
Smart Event	Video Exception (scene change, video blur and video cast detection), line crossing detection and region intrusion detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
PoE	Yes
IR Distance	Up to 165 ft
Ingress Protection	IP 67

DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm (W)	209.94ft(63.99m)	83.98ft(25.60m)	41.99ft(12.80m)	20.99ft(6.40m)
2.8~12mm (T)	618.93ft(188.65m)	247.57ft(75.46m)	123.78ft(37.73m)	61.87ft(18.86m)

OTHERS	
Power Supply	DC12V/PoE
Power Consumption	< 8W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65°C (-22°F~149°F); Humidity: less than 95 % (non-condensing)
Dimensions (in)	Ø 5.1 × 4.3
Weight (net)	Approx. 1.41lb
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

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