

AP2V4-37x4M Series

Outdoor Type Intelligence PTZ Camera with IR LED

Integrated with 4MP 37x Optical Zoom Sony Sensor Camera Module with optional built-in edge analytics



AP2V4-LEDW

Main Features



4MP resolution
37x optical zoom lens



Built-in wiper



IP 66



360° continuously
Pan



Weatherproof



Operating
Temperature -30°C to
70°C



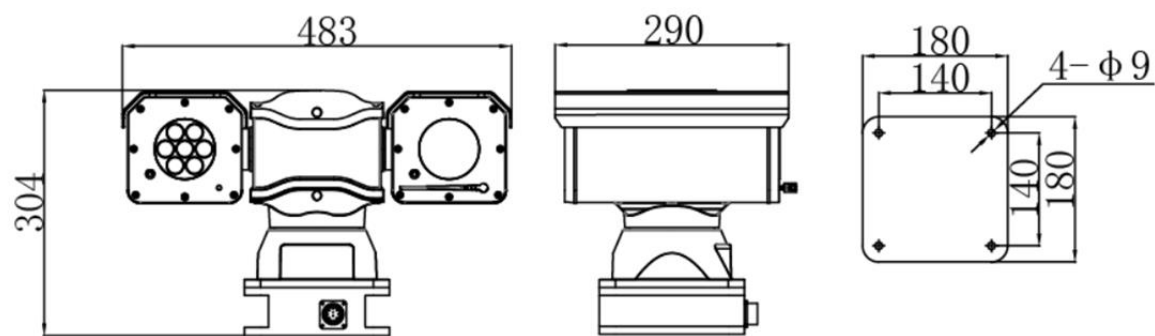
IR LED illuminator

Technical Data

General	
Ingress Protection	IP66
Operating Temperature	-30°C to +70°C
Relative Humidity	Less than 90%
Mechanical	
Built-in Wiper Mechanism	Yes
Overall Dimension (WxHxD)	483×304×290mm
Weight (without camera and lens)	10kg
Pan Speed	0°~20°/S
Tilt Speed	0°~15°/S
Preset Pan Speed	20°/s
Preset Tilt Speed	15°/s
Pan range	Pan range 360° continuously
Tilt range	Tilt range -90° ~ +90°
Electrical	
Operating Voltage	24VDC
Power consumption	45W Max
Built-in surge/lightning protector	Yes
Telemetry Receiver	
Connection	RS485 connection
Protocol	Pelco D or Pelco P (Please specify. Other protocols upon request)
Preset positions	255 (max)
Baud Rate	Baud Rate from 2400Bps to 19200Bps optional
Alarm I/O	1-alarm input, 1-alarm output
IR LED	
IR Distance	150m
Optional Accessories	
Wall Mount Bracket	WBAP2V4

Sensor		
Image Sensor	1/1.8" Sony Progressive Scan CMOS	
Effective Pixels	HxV = 2688x1520 (4.53 MP)	
Lens		
Focal Length	6.5 mm (wide) to 240 mm (tele)	
Zoom	37x Optical Zoom (with up to 16x Digital Zoom)	
Aperture	FNo: 1.5 ~ 4.8	
FOV	Horizontal: 61.8° (wide), 1.86° (tele)	Vertical: 37.2° (wide), 1.05° (tele)
Close Focus Distance	1m (wide) to 1.5m (tele)	
Image		
Day/Night	Auto (ICR) / Manual (Color, B/W)	
Image Settings	Saturation, Brightness, Contrast, Sharpness, Gamma, Exposure, WDR, BLC, HLC, White Balance (WB), Defog, Electronical Image Stabilization (EIS)	
Exposure Model	Auto/Manual/Aperture Priority/Shutter Priority/Gain Priority	
Flip Image	Support	
AGC	Support	
Noise Reduction	2D / 3D	
S/N Ratio	≥ 55dB (AGC Off, Weight ON)	
Min. Illumination	Color: 0.01Lux	
Video		
Video Compression	H.265/H.264/H.264H/MJPEG	
Resolution	Mainstream: 2688x1520@50/60fps; 1080P@25/30fps; 720P@25/30fps	
	Sub Stream1: D1@25/30fps; CIF@25/30fps	
	Sub Stream2: 1080P@25fps; 720P@25/30fps; D1@25/30fps	
Video Streaming	Up to 3 individually configurable streams Configurable resolution/ frame rate/ bandwidth	
Video Bit Rate	32kbps ~ 16Mbps	
Network		
Supported Protocols	ONVIF, HTTP, RTSP, RTP, TCP, UDP	
System Integration		
General Events	Motion Detection/ Tampering / Scene Changing / SD Card / Network / Illegal Access	
Intelligence Video Analytics	(optional upon request) Human, Vehicle & Object Detections for Tripwire / Intrusion / Loitering / Abandoned Object / Missing Object / Parking Detection / Crowd Detection	
Advanced Analytics	(optional upon request) Fire Detection or Smoke Detection	
General		
Storage	TF card (up to 1TB)	

Outline Dimensions (mm)



AP2V4- 37x4M-LEDW Outline Dimensions

Model & Ordering Code

AP2V4 - 37x4M - LEDW

Optional Accessories

WBAP2V4 : Wall Bracket