

P140 (4MP)

P180 (8MP)

4/8MP Outdoor Full-Color Bullet Network Camera



4K

4K Video Resolution



Full Colour

ONVIF

ONVIF Compliant (Profile S,T,G)



White LED



TWDR



Plug and Play



Data Encryption



FOV

IP67

IP Rating



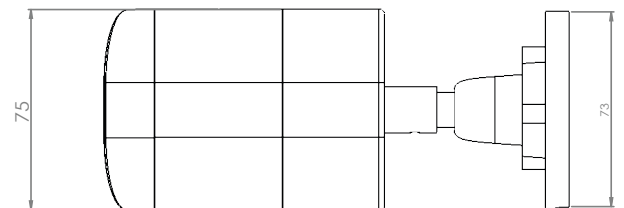
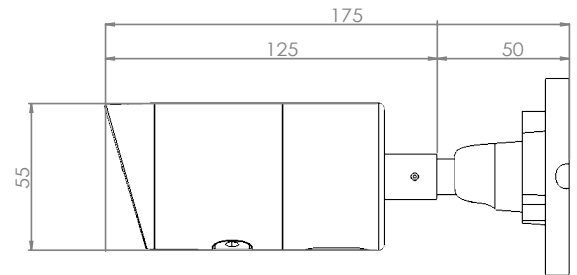
Edge AI

H.265
H.264

Dual-stream Decoding

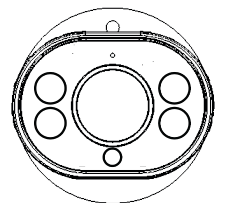


Metal Enclosure



Key Features:

- 4MP/ 8MP Ultra High Definition with IllumiLux Color
- Smart Video Analytics - Human & Vehicle Classification and Detection
- Two-Way Audio
- IP67 Protection
- Metal Casing Enclosure



CAMERA	P140	P180
Sensor	1/3.06", 4 megapixel, progressive scan, CMOS (GC4693)	1/2.7", 8 megapixel, progressive scan, CMOS (GC8613)
Shutter Speed	1/3 to 1/10000 s	
Slow Shutter	Yes	
Minimum Illumination	0.005 Lux; 0 Lux with IR/White Light	
Day/Night Mechanism	IR Cut Filter	
Day/Night Switch	Unified/ Scheduled/ Auto	
LENS		
Type	Fixed Focal Lens	
Focal Length	2.8 mm	
Aperture	F1.6	
FOV	Horizontal FOV: 108.3° , Vertical FOV: 59.9° , Diagonal FOV: 126.8°	
Lens Mount	M12	
DORI Distance	Detect: 80 m Observe: 35 m Recognize: 18 m Identify: 8.5 m	
Angle Adjustment (Manual)		
Range	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	
ILLUMINATOR		
IR LED	Quantity: 2 Range: 30m Wavelength: 850nm	
White LED	Quantity: 2 Range: 30m	
Illuminator On/Off Control	Auto/Always on/Always off	
VIDEO		
Max.Resolution	2560 X 1440	3840 X 2160
Main Stream	Frame Rate: 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720	Frame Rate: 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 3840 X 2160, 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720
Sub-Stream	Frame Rate: 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 736×416, 640×480, 640×360, 352x288, 320x240	
Video Compression	H.265, H.264, Motion JPEG	
Bit Rate Control	CBR, VBR	
Video Compression	• Main Stream: H.265/H.264 • Sub-Stream: H.265/H.264	
H.264 Type	High Profile	
H.265 Type	Main Profile	
Video Bit Rate	• Main Stream: 256 Kbps to 8 Mbps • Sub-Stream: 64 Kbps to 1 Mbps	

NETWORK	P140	P180
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, SSL/TLS, FTP/SFTP, RTP, IPv4, ARP, SMTP, SNMP.MQTT, DDNS	
ONVIF	Yes	
ONVIF Profile	Profile S,T,M	
Simultaneous Live View	2 Main Streams & 2 Sub-Streams	
Client	Kyla vision app, Kyla vision vms	
Web Browser	• Google Chrome • Safari • Microsoft® Edge	
Cloud	Yes	
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication	
ALARM AND EVENT MANAGEMENT		
Smart Event (The same with NVR)	• Motion Detection • Video Tampering • Scene Change Detection • Line-Crossing Detection • Intrusion Detection • Loitering Detection • Object missing/unattended Detection • Vehicle Detection • Human Detection	
Alarm Linkage	• Message Push • Audible Warning • White Light Flashing	
INTERFACES		
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port	
Reset Button	Yes	
Power	DC Power Port	
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 512 GB	
Built-in Microphone	Yes	
Built-in Speaker	Yes	
AUDIO		
Audio Communication	Two-Way Audio	
Audio Input	Built-in Microphone	
Audio Output	Built-in Speaker	
Audio Compression	Yes	
Audio Sampling Rate	8KHz	
Environment Noise Filtering	Yes	
Audio Bit Rate	64 Kbps(G.711)	

Image	P140	P180
Image Settings	• Mirror • Brightness • Contrast • Saturation • Sharpness • Exposure • WDR • White Balance • Rotation (90°/270°)	
Image Enhancement	BLC/3D DNR/HLC	
Wide Dynamic Range	DWDR	
SNR	≥52dB	
Privacy Mask	Up to 4 Masks	
OSD Setting	Yes	
General		
Power	POE(802.3af) ; DC12V / 1A	
	Power consumption: Max 7.0W	
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	
Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)	
Operating Humidity	95% or Less (Non-Condensing)	
Storage Humidity	95% or Less (Non-Condensing)	
Material	Metal	
Net Weight		
Protection	IP67 Weatherproof	
Product Dimensions		
Certifications	CE, FCC	