

# KV-S-IPR5180HZBW-B

8MP Full Color Turret Network Camera



## Key Features

- 1/2.8" progressive scan CMOS
- 2.8mm fixed lens, 4mm optional
- Max resolution 8MP (3840×2160) @20fps
- Support human and vehicle based detection of intrusion, line crossing
- DWDR, 3D DNR, HLC, BLC, Defog
- Built-in warm light, illumination distance up to 30m
- Built-in microphone and SD card slot
- 12V DC/PoE power supply
- IP66

## Specification

Alarm Event	
Motion Detection	Support
Intelligent Analysis	Intrusion, Line crossing (support the classification and accurate detection of vehicle and human)
Network	
Protocols	IPv4, RTSP/RTP/RTCP, TCP/UDP,DHCP, DNS, DDNS, UPNP, ICMP, IGMP, NTP, SMTP, 802.1x, SNMP, HTTP/HTTPS, PPPOE
Interface Protocol	ONVIF, SDK, (TUYA optional)
Max. User Access	4 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese (Simplified), French, Korean, Polish, Italian, Spanish, German, Hungarian, Russian, Vietnamese, Thai, Danish, Czech, Slovak, Indonesian, Portuguese, Dutch, Hebrew, Arabic
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Microphone	Support
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
Electrical	
Power Supply	DC12V(-15%~+25%)/PoE (IEEE 802.3af)
Power Consumption	Max 5.5W
Operating Temperature	-25°C ~ 55°C (-13°F ~ 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE/FCC
Casing	Metal + Plastic
Dimensions	Φ111 × 95mm (Φ4.37 × 3.74 inch)
Net Weight	0.35 kg (0.77 lb)

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s
Min. illumination	Color: 0.03 Lux @ (F1.0, AGC ON), 0 Lux with light
S/N Ratio	55dB
Day & Night	IR cut filter

Wide Dynamic Range	DWDR	
Illumination Distance	Up to 30m (98.4 ft)	
Illumination On/Off Control	Auto/Manual	
Pan/Tilt/Rotation Range	Pan: 0° ~ 360°, Tilt: 0° ~ 85°, Rotation: 0° ~ 360°	
<b>Lens</b>		
Lens Type	Fixed focal	
Iris	Fixed Iris	
Focal Length	2.8 mm	4 mm
F Number	F1.0	F1.0
Angle of View	H: 104.5°, V: 55°	H: 84.5°, V: 46°
<b>Video and Audio</b>		
Max. Resolution	3840(H)×2160(V)	
Streaming Capability	2 Streams	
Main Stream	3840×2160 @20fps, 2592×1944 @25fps, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps	
Sub Stream	704×576, 640×360, 480×360, 352×288 @ 25/30fps	
Bit Rate Control	CBR/VBR	
Bit Rate	Main Stream: 512kbps ~ 6144kbps Sub Stream: 128bps ~ 2048kbps	
Audio Compression	G.711 (64kbps)	
<b>Image</b>		
Image Adjustment	Brightness, Sharpness, Contrast, Saturation	
White Balance	Auto/Manual	
Mirror	Support	
Exposure Mode	Auto/Manual	
Day/Night Setting	Auto, Day, Night, Timing	
Noise Reduction	2D/3D DNR	
Image Enhancement	HLC, BLC, Defog	
Wide Dynamic Range	DWDR	
Privacy Masking	Support	



