

## Specification

Camera Module	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @(F1.6, AGC ON) B/W: 0.01 Lux @(F1.6, AGC ON) 0 Lux with IR
S/N Ratio	> 52dB
Signal System	PAL/NTSC
White Balance	Auto 1/Auto 2/Manual/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	12×
Focus Mode	Auto/Semi-automatic/Manual
WDR	Digital WDR
Lens	
Focal Length	4.5 mm to 135 mm, 30× optical
Zoom Speed	Approx. 4 s (optical lens, wide-tele)
FOV	Horizontal field of view: 65.1° to 2.34° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F4.4
IR	
IR Distance	Up to 80 m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Compression Standard	
Video Compression	H.265/H.264+/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bitrate	32 Kbps to 8 Mbps
Image	
Resolution	50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS
PTZ	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	From -15° to 90° (Auto-flip)
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SNMP, DNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP,
API	HIKVISION SDK, ONVIF, ISAPI,
Network Storage	Double built-in SD/SDXC card slot, up to 128 GB
Communication	Support 3G (WCDMA) Support 4G Support double 3G or 4G modular
Wi-Fi	802.11a/b/g/n
GPS System	Support
Smart Function	License Plate Recognition
Blacklist	Up to 100,000 items can be saved.
Interface	
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; PoE+ (802.3at, class4)

Bluetooth	BT 4.0
RS-485	PELCO-D
<b>General</b>	
Power	8 VDC to 36 VDC Approx. 15 W
Working Environment	Working Temperature: -20°C to 60°C (-4°F to 140°F) Working Humidity: ≤ 90%
Protection Level	IP66 Standard; TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions	Φ 154.79 mm × 23.7 mm (Φ 6.09" × 9.20")
Weight	Approx. 2.8 kg (6.17 lb)