



KEY FEATURES

- 1/2.8" Progressive CMOS
- 3.6 mm IR Wide Angle Lens
- IR Range up to 98 feet
- Built in Microphone

Hardware Reset	Yes
Ethernet	RJ45 (10 / 100BASE-T)
Video Compression Format	H.265 / H.264
Smart Feature	PID,LCD,PD/VD, FD
Resolution	Main Stream 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080), 960P(1280*960),720P(1280x720), Sub Steam 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile Stream VGA(640x480), QVGA(320x240)
Max. Framerate	50Hz:25fps@8MP,5MP,4MP,3MP,2MP,960P,720P ,VGA,QVGA 60Hz:30fps@8MP,5MP,4MP,3MP,2MP,960P,720P ,VGA,QVGA
Video Quality Adjustment	8Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
Streaming Capability	Triple-Stream (Main / Sub / Mobile)
IP	IPv4
Image Settings	Image rotate, Saturation, Contrast, Hue, Brightness, Sharpness
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security	IP address filter;complicated password;Authenticated username and password
Streaming Method	Unicast / Multicast
Max. User Access	Max 7 (admin+user)
Application Programming Interface	Open Compatibility, (Profile S / G / T, 18.12)
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51 /lower, Safari 11/ lower
Illumination	DragonFire® 1pc
ePTZ	Digital Pan Tilt Zoom
PoE	Yes, IEEE 802.3af / IEEE 802.3at
Ingress Protection	Metal Housing IP66 Waterproof
Input Voltage / Current	D12V /POE(IEEE802.3af)
Power Consumption	3.6W
Storage Conditions	-30~+60°C (-22~+140°F) / less than ≤ 95% RH
Operating Conditions	-30~+55°C (-22~+131°F) / less than ≤ 95% RH
Color / Material	White / Metal
Dimension (W x H x D)	135 x 135 x 120 mm (5.3 x 5.3 x 4.7 inches)
Weight	Approximately 1.04 lbs (474g)

SPECIFICATIONS

Effective Pixels	8MP 3840(H)×2160(V)
Imaging Device	1 / 2.8"
Scanning System	Progressive CMOS
Min.Illumination	Color 0.01lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON
Focal Length	3.6 mm
Max. Aperture Ratio	F No.1.6±10%
Lens Type	Fix (M12)
Angular Field of View	Horizontal: 87.55°, Vertical: 44.42°, Diagonal: 104.88°
Min. Object Distance	2m
IR Viewable Length	Up to 98 feet (30m)
Camera Title	On / Off
Day & Night	IR cut filter with auto switch (Day / Night / Auto / Schedule)
Backlight Compensation	Off / On (5 Zone)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Motion Detection	Off / On (8 Level)
Privacy Masking	Off / On (4 Zone, Rectangle)
Gain Control	Auto
White Balance	Auto / Manual / Indoor
Electronic Shutter Speed	1/5 ~ 1/20000s
Flip / Mirror	Flip / Corridor / Rotation
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone