



KEY FEATURES

- 1/2.7" Progressive CMOS
- 2.8 ~ 12 mm (Motorized) IR Lens
- Digital Noise Reduction
- Triple Streaming
- IR Range up to 114 feet
- IP66 Waterproof
- 2592 (H) × 1944 (V) Resolution

SPECIFICATIONS

Effective Pixels	5MP 2592(H)×1944(V)
Imaging Device	1 / 2.7"
Scanning System	Progressive CMOS
Min.Illumination	Color 0.01lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON
Focal Length (Zoom Ratio)	2.8 ~ 12 mm
Max. Aperture Ratio	F No. 1.83 (W) ~ 3.32(T)
Lens Type	Motorized (Ø14)
Angular Field of View	Horizontal:102~31°, Vertical:73~23°, Diagonal:138~38°
Min. Object Distance	0.2M
Lens Type	Motorized(Ø14)
IR Viewable Length	Up to 114 feet (35m)
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	DWDR
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 / Rotation
On-Board Storage	Micro SD slot, up to 256GB
Hardware Reset	Yes
Ethernet	RJ45 (10 / 100BASE-T)
Video Compression Format	H.265 / H.264

Resolution	Main Stream 5MP(2592*1944), 4MP(2592x1520),3MP(2304x1296), 1080P(1920x1080), 720P(1280x720), Sub Steam 720P(1280x720), VGA(640x480),QVGA(320x240) Mobile Stream VGA(640x480), QVGA(320x240)
Max. Framerate	Max. 20fps@5MP, Real Time @4MP/1080P/720P/VGA/QVGA
Video Quality Ajustment	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)
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower,
Illumination	DragonFire® 1pc (Cortex Matrix Array) LED
Ingress Protection	Metal Housing IP66 Waterproof
Input Voltage / Current	D12V /POE (IEEE802.3af)
Power Consumption	TBD
Storage Conditions	-30~+60°C / less than ≤ 95% RH
Operating Conditions	-30~+55°C / less than ≤ 95% RH
Color / Material	White / Metal
Dimension (W x H x D)	135 x 136 x 127mm (5.3 x 5.3 x 5 inches)
Weight	Approximately 474g (1.04 lbs)