



KEY FEATURES

- 1 / 2.7" Progressive CMOS
- 2.7 ~ 13.5mm (Motorized) IR Lens
- Premium Components
- Slow Shutter Support
- IR Range up to 147 feet

Hardware Reset	Yes
Ethernet	RJ45 (10 / 100BASE-T)
Video Compression Format	H.265 / H.264
Resolution	Mainstream 5MP(2592x1944),4MP(2592x1520) 3MP(2304x1296),1080P(1920x1080) 960P(1280x960),720P(1280x720) Substream 720P(1280x720),VGA(640x480),QVGA(320x240) Mobilestream VGA(640x480), QVGA(320x240)
Max. Framerate	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/ VGA/QVGA 60Hz: 30fps@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)
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower
Illumination	DragonFire® 1pc (Cortex Matrix Array) LED
Ingress Protection	Metal Housing IP66 Waterproof
Input Voltage / Current	D12V /POE (IEEE802.3af)
Power Consumption	4.8W
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 127mm (5.3 x 5 x 5 inches)
Weight	Approximately 474g (1.04 lbs)

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)	2.7 - 13.5 mm
Max. Aperture Ratio	F No. 1.83 (W) ~ 3.32(T)
Lens Type	Motorized(Ø14)
Angular Field of View	Horizontal: 101 ~ 31°, Vertical: 71 ~ 23°, Diagonal: 138 ~ 38°
Min. Object Distance	0.2M~INF
IR Viewable Length	Up to 147 feet (45m)
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 / Rotation
On-Board Storage	Micro SD slot, up to 256GB
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA)
Smart Feature	PID,LCD,PD/VD, FD