



**· Device**

Product Type	Mini Dome
Maximum Resolution	3MP
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.8 "
Effective Pixels	2065(H) X 1553(V) (3.21 MP)
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.1 lux at F1.85; B/W 0.01 lux at F1.85 (AGC on)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700-1150nm
IR LED	Adaptive IR LED
IR Working Distance	10m (0 lux, 30IRE, Gain 255, Auto shutter mode)
Electronic Shutter	1/5-1/16000sec (manual mode); 1/5-1/16000sec (auto mode)
Horizontal Resolution (TV Lines)	1300 TVL
S/N Ratio	56 dB

**· Lens**

Focal Length	Fixed focal, f2.8mm
Aperture	F1.85
Iris	Fixed iris
Focus	Fixed focus
Lens Mount	Board mount
Horizontal Viewing Angle	100°
Viewing Angle Adjustment	Pan: -120°-120°, Tilt: 30°-90°

**· Video**

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
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Maximum Frame Rate vs. Resolution	30 fps at 2048 x 1536 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 800 x 600 30 fps at 640 x 480 30 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28Kbps - 12Mbps (per stream)
Bit Rate Mode	Constant, Variable
Wide Dynamic Range	Advanced WDR (72 dB)
Image Enhancement	White Balance, Brightness, Contrast, Sharpness, Automatic gain control, Flickerless, Digital Image Stabilizer, Defogging
Digital Noise Reduction	2D + 3D DNR
Privacy Mask	4 configurable regions
Text Overlay	Yes
On-Screen Graphics	Yes
Built-in Analytics	Tampering
VMS-based Analytics	Object Counting, People Counting, Face Detection, Object Based Motion Detection, Tamper, Line Crossing, Enter Area, Missing Object, Unattended Object, Smoke Detection, Heat Map, Dwell time, Direction Detection, License Plate Recognition, People Queue management, (Require PC-based or standalone IVS or ALPR Server. )
Image Orientation	Flip, Mirror, Rotation
<b>· Network</b>	
Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP
Ethernet Port	1 x RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, Anonymous login

**· Event**

Event Trigger	Video motion detection (3 regions), Sound detection, Tampering detection,
Event Response	Notify control center, Change camera settings, Command other devices, E-mail notification with snapshots, Save video to local storage, Upload video or snapshot to FTP server

**· Integration**

Unified Solution	Fully compatible with software
GPS Position	Manual setting
ONVIF Compliant	Yes, Profile S
Web Browser	IE 11

**· Interface**

Local Storage	MicroSDHC, MicroSDXC memory card slot (card not included)
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**· General**

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	12.95 W (PoE)
Dimensions	(Ø x H): 99mm x 63.5mm (3.90" x 2.5")
Environmental Casing	Weatherproof (IP66), Vandal proof (IK10)
Mount Type	Surface
Starting Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Approvals	CE, FCC, IP66, IK10