



S Series

MD8563-EH (3.6 mm)

2MP Mobile Dome Network
Camera



Technical Specifications

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB

Camera Specifications

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	1920x1080
Lens Type	Fixed-focal
Focal Length	f = 3.6 mm
Aperture	F2.0
Iris Type	Fixed-iris
Field of View	96° (Horizontal) 53° (Vertical) 115° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Minimum Illumination	0.23 lux @ F2.0 (Color)
Pan Range	± 5°
Tilt Range	90°
Pan/Tilt/Zoom Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in)
Storage	MicroSD/SDHC/SDXC card slot (Max. SD card capacity: 256GB) Seamless Recording

Video	
Compression	H264, MJPEG
Maximum Frame Rate	30 fps @ 1920x1080 45 fps@ 1280x720
Maximum Streams	4 simultaneous streams
S/N Ratio	60 dB
Dynamic Range	100dB
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream II
Image Settings	Adjustable image size, quality and bit rate, time stamp, text overlay, flip and mirror, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, scheduled profile settings, 3DNR, video rotation, defog

Audio	
Audio Capability	Two-way audio
Compression	G.711, G.726
Interface	Built-in microphone External line output
Effective Range	5 meters

Network	
Users	Live viewing for up to 10 clients
Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10Base-T/100 BaseTX Ethernet (M12, Female, 4pin D-coded)
ONVIF	Profile G, S supported, specification available at www.onvif.org

Solution Integration	
VADP Package	Trend Micro (3-year free trial)
Video Motion Detection	Five-window video motion detection
Smart 360 VCA	Genetec Package, Trend Micro IoT Security

Alarm and Event	
Event Trigger	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, SD card life expectancy
Event Action	Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card

General	
Connectors	M12 for Network/PoE connection Audio line out*1 Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 2
Power Consumption	Max. 4.2 W

Dimensions	129 (Diagonal) x 107 (W) x 54 (Horizontal) mm
Weight	455g
Casing	IP67, IK10
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL, EN50155 TX, IEC60571, EN61373, EN50121-3-2, EN50121-4, E-Mark
Operating Temperature	Starting Temperature: -40°C ~70°C (-40°F~ 158°F) Working Temperature: -40°C ~70°C (-40°F~ 158°F)
Humidity	90% RH (non-condensing)

System Requirements

Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above

Included Accessories

Packing Contents	Quick installation guide, alignment sticker, screw driver, accessories bag
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