



S Series

MD8564-EH (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 = 6 mm
Aperture	F2.0
Iris Type	Fixed-iris
Field of View	57° (Horizontal) 30° (Vertical) 65° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut filter	Yes
Illuminators	Built-in IR Illuminators up to 30 meters IR LED*4
Minimum Illumination	0.18 lux @ F2.0 (Color) 0.01 lux @ F2.0 (B/W) 0 lux with IR illumination on
Tilt Range	0~30°
Rotation Range	±90°
Pan/Tilt/Zoom Functionalities	48x digital zoom (4x on IE plug-in,12x built-in)
Storage	MicroSD/SDHC/SDXC card slot Seamless Recording

Video	
Compression	H264, MJPEG
Maximum Frame Rate	30 fps @ 1920x1080 45 fps @ 1280x720
Maximum Streams	4 simultaneous streams
S/N Ratio	60dB
Dynamic Range	100 dB
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	External Microphone in External line out

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, 4pin D-coded, Female) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
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
Video Motion Detection	Standard VCA (Optional) *Including line crossing detection, field detection, loitering 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 4pin D-coded, Female connector for Network/PoE connection*1 M12 5pin A-coded, male connector for DC 24V heater*1 Audio input*1 Audio output*1 Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	DC 24V
Power Consumption	50W
Dimensions	242 mm (Diagonal) x 162 mm (W) x 82 mm (Horizontal)
Weight	1,370g
Casing	IP68, IP6K9K, NEMA 4X, IK10+ casing with AR-coated glass
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, NEMA 4X, EN50155 TX, EN 61373, EN50121-3-2, EN50121-4, UL, EN45545 HL1
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, warranty card, alignment sticker, screw driver, Accessories bag, software CD