



Speed Dome
Network Camera

SD8364E/64E-M



1080p HD • 30x Zoom • NEMA 4X • IP67 • Defog •
-40°C ~ 55°C • EIS • PoE Plus

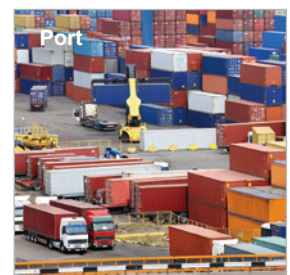
VIVOTEK SD8364E is part of the SUPREME series product line offering 1080p Full HD resolution with superb image quality. Adopting a 30x optical zoom lens, the SD8364E is able to capture details at top-notch quality. The IP67- and NEMA 4X-rated housing protects the camera body against rain, dust and corrosion within a wide temperature range between -40°C to 55°C. This feature ensures operation under extreme weather conditions and hazardous environments. It is especially suitable for monitoring wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

The SD8364E supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality with resolution up to 30 fps @ 1080p. Boasting WDR Pro technology, the SD8364E can also cope with challenging lighting conditions and generate image quality close to the capabilities of the human eye. With a sophisticated pan/tilt mechanism, the camera provides fast, precise movement with continuous 360-degree pan and 180-degree tilt. Users can also easily control the lens position via a mouse or a joystick to track the object of interest and set up to 256 preset positions. With the built-in auto tracking feature, the SD8364E provides instantaneous reaction to suspicious moving objects in wide area locations before operators are aware of activity.

As with all VIVOTEK true day/night cameras, the SD8364E features a removable IR-cut filter, maintaining clear images 24 hours a day. With audio detection, by recognizing increases or decreases in sound volume, an additional layer of intrusion detection is ensured. With other advanced features such as SD/SDHC/SDXC card slot, 802.3at compliant PoE Plus and 60 fps high quality video, the SD8364E is the best choice for the most demanding outdoor surveillance applications.

Features

- 1080p Full HD SONY CMOS Sensor
- 30 fps @ 1080p Full HD; 60 fps @ 720p HD
- 30x Zoom Lens
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 180° Tilt
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Weather-proof IP67-rated and NEMA4X Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
- Auto Tracking for Moving Objects
- Built-in 802.3at Compliant PoE Plus
- 3D Privacy Masks for Additional Protection
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Defog



SUPREME

Technical Specifications

Model	SD8364E SD8364E-M (With Electric Dehumidifier)	Intelligent Video	Video Motion Detection	Triple-window video motion detection
System Information		Auto-Tracking	Auto-tracking on moving object	
CPU	Multimedia SoC (System-on-Chip)	Alarm and Event		
Flash	128 MB	Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, audio detection	
RAM	256 MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server	
Camera Features		General		
Image Sensor	1/2.8" Progressive CMOS	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input Digital input*4 Digital output*2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)	
Maximum Resolution	1920x1080	LED Indicator	System power and status indicator	
Lens Type	30x Optical Zoom, Auto Focus	Power Input	PoE plus (IEEE 802.3at compliant) High Power PoE AC 24V	
Focal Length	f = 4.3~129 mm (30x zoom)	Power Consumption	PoE plus: Max. 19W AC 24V: Max. 48W (heater on) Max. 19W (heater off) High Power PoE: Max. 48W (heater on) Max. 19W (heater off)	
Aperture	F1.6 ~ F4.7	Dimensions	Ø: 205 mm x 321 mm	
Auto-iris	DC-iris	Weight	Net: 3,660 g	
Field of View	2.3° ~ 64° (horizontal) 1.3° ~ 36° (vertical) 2.6° ~ 73° (diagonal)	Casing	Weather-proof IP67- and NEMA 4X-rated metal housing Built-in electrical dehumidifier device (SD8364E-M)	
Shutter Time	1/1 sec. to 1/10,000 sec.	Safety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X, UL	
WDR Technology	WDR Pro	Operating Temperature	-5°C ~ 55°C (PoE Plus) -40°C ~ 55°C (AC 24V) -40°C ~ 55°C (High Power PoE)	
Day/Night	Removable IR-cut filter for day & night function	Warranty	36 months	
Minimum Illumination	0.14 Lux @ F1.6, 50 IRE (Color), 1/5s 0.5 Lux @ F1.6, 30 IRE (Color), 1/30s 0.01 Lux @ F1.6, 50 IRE (B/W), 1/5s 0.03 Lux @ F1.6, 30 IRE (B/W), 1/30s	System Requirements	Operating System	Microsoft Windows 7/Vista/XP/2000
Pan Speed	0.05° ~ 450° / sec	Web Browser	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 9.x or 10.x
Pan Range	360 endless	Other Players	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Tilt Speed	0.05° ~ 450° / sec	Included Accessories	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Tilt Range	180° (-90° ~ +90°)	Others	Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, software CD, desiccant bags
Preset Locations	256 preset locations, 40 presets per tour	Dimensions		
Pan/tilt/zoom Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in) Auto pan mode Auto patrol mode			
On-board Storage	SD/SDHC/SXDC card slot			
Video				
Compression	H.264, MJPEG & MPEG-4			
Maximum Frame Rate	H.264: 30 fps @ 1920x1080 60 fps @ 1280x720 MPEG-4: 30 fps @ 1920x1080 60 fps @ 1280x720 MJPEG: 30 fps @ 1920x1080 60 fps @ 1280x720 (Up to 30/60 fps in WDR mode)			
Maximum Streams	4 simultaneous streams			
S/N Ratio	Above 50 dB			
Dynamic Range	90 dB			
Video Streaming	Adjustable resolution, quality and bitrate Zoom enhancement for better image quality under limited bandwidth			
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings Defog, EIS			
Audio				
Audio Capability	Audio input/output (full duplex)			
Compression	AAC, G.711, G.726			
Interface	External microphone input External line output			
Network				
Users	Live viewing for up to 10 clients			
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X			
Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.			
ONVIF	Supported, specification available at www.onvif.org			

Compatible Accessories

Mounting Kits

	AM-116 20 cm pendant pipe		AM-231 Parapet mounting kit		AM-519 1.5" PT adapter
	AM-117 40 cm pendant pipe		AM-221 Goose neck mounting kit		
	AM-118 Indoor pendant head		AM-103 Recessed kit		

PoE Kits

	AP3001 PoE plus injector
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	AP-331 High power PoE injector
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Power Adapter

	AA-341 AC 24V power adapter
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Others

	AC-212 Smoked cover
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	AC-111 Vandal-proof transparent cover
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	AO-001 Combo cable
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