



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 220-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 220° 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



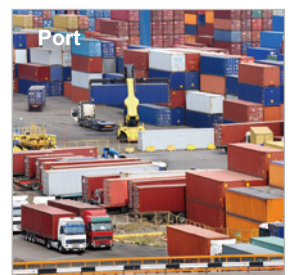
Campus



Station



Airport



Port

**SUPREME**

## Technical Specifications

Model	SD8364E SD8364E-M (With Electric Dehumidifier)	<b>Intelligent Video</b>	Video Motion Detection	Triple-window video motion detection
<b>System Information</b>		Auto-Tracking	Auto-tracking on moving object	
CPU	Multimedia SoC (System-on-Chip)	<b>Alarm and Event</b>	Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Flash	128 MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server	File upload via HTTP, SMTP, FTP and NAS server
RAM	256 MB	<b>General</b>	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)
<b>Camera Features</b>		LED Indicator	System power and status indicator	
Image Sensor	1/2.8" Progressive CMOS	Power Input	PoE plus (IEEE 802.3at compliant) High Power PoE AC 24V	
Maximum Resolution	1920x1080	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)	
Lens Type	30x Optical Zoom, Auto Focus	Dimensions	Ø: 205 mm x 321 mm	
Focal Length	f = 4.3~129 mm (30x zoom)	Weight	Net: 3,660 g	
Aperture	F1.6 ~ F4.7	Casing	Weather-proof IP67- and NEMA 4X-rated metal housing Built-in electrical dehumidifier device (SD8364E-M)	
Auto-iris	DC-iris	Safety Certifications	CE, FCC Class A, VCCI, C-tick, NEMA 4X	
Field of View	2.3° ~ 64° (horizontal) 1.3° ~ 36° (vertical) 2.6° ~ 73° (diagonal)	Operating Temperature	-5°C ~ 55°C (PoE Plus) -40°C ~ 55°C (AC 24V) -40°C ~ 55°C (High Power PoE)	
Shutter Time	1/1 sec. to 1/10,000 sec.	Warranty	36 months	
WDR Technology	WDR Pro	<b>System Requirements</b>	Operating System	Microsoft Windows 7/Vista/XP/2000
Day/Night	Removable IR-cut filter for day & night function	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 9.x or 10.x	
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	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above	
Pan Speed	0.05° ~ 450° / sec	<b>Included Accessories</b>	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Pan Range	360 endless	Others	Wall mount bracket, screws, waterproof connectors, terminal blocks, quick installation guide, warranty card, alignment sticker, ground wire, T25 stardriver, software CD, desiccant bags	
Tilt Speed	0.05° ~ 450° / sec	<b>Dimensions</b>		
Tilt Range	220° (-110° ~ +110°)			
Preset Locations	256 preset locations, 40 presets per tour			
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/SDXC card slot			
<b>Video</b>				
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			
<b>Audio</b>				
Audio Capability	Audio input/output (full duplex)			
Compression	AAC, G.711, G.726			
Interface	External microphone input External line output			
<b>Network</b>				
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

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

### PoE Kits

	<b>AP3001</b> PoE plus injector
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### Power Adapter

	<b>AP-331</b> High power PoE injector		<b>AA-341</b> AC 24V power adapter
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### Others

	<b>AC-212</b> Smoked cover		<b>AC-111</b> Vandal-proof transparent cover		<b>AO-001</b> Combo cable
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