

SUPREME
A NEW DEFINITION OF HD

SD8362E

Speed Dome Network Camera

20x Zoom • 2MP • Full HD • Extreme Weatherproofing • WDR Pro



VIVOTEK SD8362E is part of the SUPREME series product line offering 2-Megapixel or 1080p resolution with superb image quality. The camera can capture a much more comprehensive area than a standard VGA speed dome, significantly reducing the number of cameras required. The IP66-rated housing protects the camera body against rain and dust and the wide temperature range ensures operation under extreme weather conditions. 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 SD8362E supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality with resolution up to 60fps @ 720p and 30fps @ 1080p. Adopting 20x optical zoom lens, the SD8362E is able to capture details at top-notch quality. Boasting WDR Pro technology, the SD8362E can also cope with challenging lighting conditions and generate image quality similar to the capabilities of the human eye. With sophisticated pan/tilt mechanism, the camera provides fast, precise movement with continuous 360-degree pan and 90-degree tilt. Users can easily control the lens position via a mouse or a joystick to track the object of interest and set up to 128 preset positions for patrolling.

As with all VIVOTEK true day/night cameras, the SD8362E features a removable IR-cut filter, maintaining clear images 24 hours a day. The built-in SD/SDHC card slot offers a convenient and portable storage option to prevent data loss in case of network disconnection. With other advanced features such as audio detection, 802.3at compliant PoE Plus and 60fps high quality video, the SD8362E is the best choice for the most demanding outdoor surveillance applications.

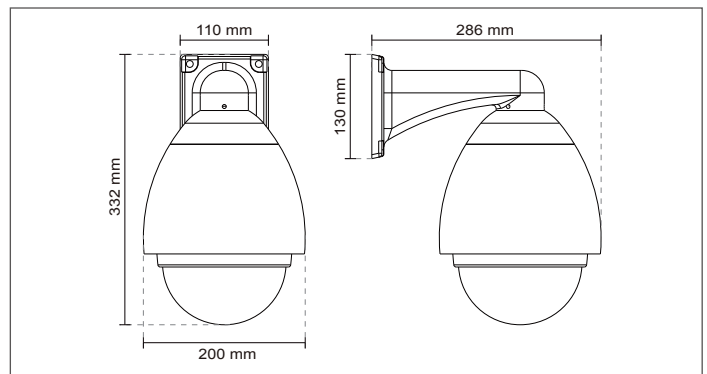
Features

- > Full HD SONY CMOS Sensor
- > Up to 60 fps @ 720p HD;
Up to 30 fps @ 1080p Full HD
- > 20x Zoom Lens
- > Removable IR-cut Filter for Day & Night Function
- > 360° Continuous Pan and 90° Tilt
- > Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- > WDR Pro for Unparalleled Visibility in High Contrast Environments
- > Weather-proof IP66-rated Housing
- > -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions (SD8362E)
- > Audio Detection for Instant Alert
- > Built-in 802.3at Compliant PoE Plus
- > 3D Privacy Masks for Private Area Protection
- > Built-in SD/SDHC Card Slot for On-board Storage

System	<ul style="list-style-type: none"> CPU: TI DM365 SoC Flash: 128MB RAM: 256MB Embedded OS: Linux 2.6
Pan/Tilt/Zoom	<ul style="list-style-type: none"> Pan range: 360° continuous rotation Tilt range: 0° ~ 90° flip 20x optical zoom Pan speed: 0.1° ~ 300° /sec Tilt speed: 0.1° ~ 120° /sec Auto pan mode Auto patrol mode
Lens	<ul style="list-style-type: none"> 20x optical zoom lens, f = 4.7 ~ 94 mm, F1.6 (wide), F3.5 (tele), auto focus, auto-iris, focus range: 10 mm (wide) ~ 1000 mm (tele) to infinity Removable IR-cut filter for day & night function
Angle of View	<ul style="list-style-type: none"> 4.7 ~ 94° (horizontal)
Shutter Time	<ul style="list-style-type: none"> 1/1 sec. to 1/10,000 sec.
Image Sensor	<ul style="list-style-type: none"> 1/3" SONY CMOS Sensor in 1920x1080 resolution
Minimum Illumination	<ul style="list-style-type: none"> 0.5 Lux (F1.6, 50IRE)
Video	<ul style="list-style-type: none"> Compression: H.264, MJPEG & MPEG-4 Streaming: <ul style="list-style-type: none"> Multiple simultaneous streams H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS H.264/MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports 3GPP mobile surveillance Frame rates : <ul style="list-style-type: none"> H.264: <ul style="list-style-type: none"> Up to 60 fps at 1280x720 Up to 30 fps at 1920x1080 MPEG-4: <ul style="list-style-type: none"> Up to 60 fps at 1280x720 Up to 30 fps at 1920x1080 MJPEG: <ul style="list-style-type: none"> Up to 60 fps at 1280x720 Up to 30 fps at 1920x1080 (Up to 30/15 fps in WDR mode)
Image Settings	<ul style="list-style-type: none"> Adjustable image size, quality and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance and exposure AGC, AWB, AES WDR Pro Automatic, manual or scheduled day/night mode BLC (Backlight Compensation) Supports privacy masks
Audio	<ul style="list-style-type: none"> Compression: <ul style="list-style-type: none"> GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps G.711 audio encoding, bit rate: 64 kbps, μ-Law or A-Law mode selectable Interface: <ul style="list-style-type: none"> External microphone input Audio output Supports two-way audio Supports audio mute
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 Onvif support Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
Alarm and Event Management	<ul style="list-style-type: none"> Triple-window video motion detection Audio detection Three D/I and two D/O for external sensor and alarm Event notification using HTTP, SMTP or FTP Local recording of MP4 file

On-board Storage	<ul style="list-style-type: none"> SD/SDHC card slot Stores snapshots and video clips
Security	<ul style="list-style-type: none"> Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission 802.1X port-based authentication for network protection
Users	<ul style="list-style-type: none"> Live viewing for up to 10 clients
Dimension	<ul style="list-style-type: none"> Camera: Ø 200 mm x 270 mm Cable length: 1330 mm Cable diameter: Ø 15 mm; Max width: Ø 20 mm
Weight	<ul style="list-style-type: none"> Net: 4,500 g
LED Indicator	<ul style="list-style-type: none"> System power and status indicator System activity and network link indicator
Power	<ul style="list-style-type: none"> 24V AC Power consumption: Max. 60 W 802.3at compliance PoE plus
Housing	<ul style="list-style-type: none"> Weather-proof IP66-rated housing
Approvals	<ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick
Operating Environments	<ul style="list-style-type: none"> Temperature: -40° ~ 55 °C (AC 24V) · Temperature: -10° ~ 55 °C (PoE Plus) Humidity: 90% RH
Viewing System Requirements	<ul style="list-style-type: none"> OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6.x or above Cell phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.5 or above
Installation, Management, and Maintenance	<ul style="list-style-type: none"> Installation Wizard 2 32-CH ST7501 recording software Supports firmware upgrade
Applications	<ul style="list-style-type: none"> SDK available for application development and system integration
Warranty	<ul style="list-style-type: none"> 36 months

Dimension



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