Technical Specifications

Pan/Tilt/Zoom
- 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
- Number of Presets: 128
- Auto pan mode
- Auto patrol mode
- 12x Digital Zoom

Lens
- 20x optical zoom lens, f = 4.7 ~ 94 mm, F1.6 (wide), F3.5 (tele), auto focus, auto-iris, focus range: 10 mm (wide) ~ 800 mm (tele) to infinity
- Removable IR-cut filter for day & night function

Angle of View
- 2.9° ~ 55.4° (horizontal)

Shutter Time
- 1/1 sec. to 1/10,000 sec.

Image Sensor
- 1/3" SONY CMOS Progressive Sensor in 1920x1080 resolution
- Signal to Noise Ratio: 50dB
- WDR: 107.6dB (240x)*

Minimum Illumination
- 0.02 Lux @ F1.6 (Color)
- 0.001 Lux @ F1.6 (B/W)

Video
- Compression: H.264, MJPEG & MPEG-4
- Streaming:
  Multiple simultaneous streams (up to 4 individual configurable 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:
  H.264:
  Up to 60 fps at 1280x720
  Up to 30 fps at 1920x1080
  MPEG-4:
  Up to 60 fps at 1280x720
  Up to 27 fps at 1920x1080
  MJPEG:
  Up to 60 fps at 1280x720
  Up to 30 fps at 1920x1080
  (Up to 30/15 fps in WDR mode)

Image Settings
- 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 up to 24 3D privacy masks

Audio
- Compression:
  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:
  External microphone input
  Audio output
- Supports two-way audio
- Supports audio mute

Networking
- 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

* Using reference 60dB (WDR off)

Alarm and Event Management
- 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
- SD/SDHC card slot
- Stores snapshots and video clips
  **Note: No SD/SDHC card slot & local storage function for Argentina.*

Security
- Multi-level user access with password protection
- IP address filtering
- HTTPS encrypted data transmission
- 802.1X port-based authentication for network protection

Users
- Live viewing for up to 10 clients

Weight
- Net: 3,400 g

LED Indicator
- System power and status indicator
- System activity and network link indicator

Power
- 24V AC
- Power consumption: Max. 60 W
- 802.3at compliance PoE plus

Housing
- Weather-proof IP66-rated housing
- Vandal resistant die-cast aluminium (IK07)

Approvals
- CE, LVD, FCC, VCCI, C-Tick

Operating Environments
- Temperature: -40°C ~ 55°C (AC 24V)
- Temperature: -10°C ~ 55°C (PoE Plus)
- Humidity: 90% RH
- Anti-condensation system (heater and fan controlled by thermostat)

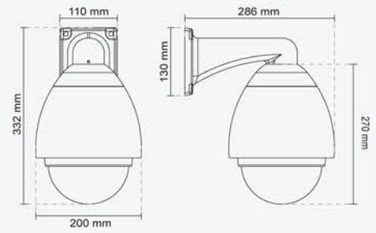
Viewing System Requirements
- OS: Microsoft Windows 7/Vista/XP/2000
- Browser: Mozilla Firefox, Internet Explorer 6.x or above
- Cell phone: 3GPP player
- Real Player: 10.5 or above
- Quick Time: 6.5 or above

Installation, Management, and Maintenance
- Installation Wizard 2
- 32-CH ST7501 recording software
- Supports firmware upgrade

Applications
- SDK available for application development and system integration

Warranty
- 36 months

Dimension
- Camera: Ø 200 mm x 270 mm
- Cable length: 1330 mm
- Cable diameter: Ø 15 mm; Max width: Ø 20 mm



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SUPREME
A NEW DEFINITION OF HD

Full HD 1080p | 20X ZOOM | WDR Pro | Extreme Weather | PoE Plus | 60 fps

Speed Dome Network Camera

SD8362E

20x Zoom • 2MP • Full HD • WDR • 60 fps •
Extreme Weatherproof • PoE Plus

VIVOTEK SD8362E is part of the SUPREME series product line offering 2-Megapixel or 1080p resolution with superb image quality. Adopting a 20x optical zoom lens, the SD8362E is able to capture details at top-notch quality.

The IP66-rated housing protects the camera body against rain and dust within the wide temperature range between -40°C and 55°C. This feature ensures operation under extreme weather conditions. The Camera 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 60 fps @ 720p and 30 fps @ 1080p. Boasting WDR technology, the SD8362E can also cope with challenging lighting conditions and generate image quality close 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. Audio detection is another new feature available on the SD8362E. By recognizing increases or decreases in sound volume, an additional layer of intrusion detection is ensured. With other advanced features such as SD/SDHC card slot*, 802.3at compliant PoE Plus and 60 fps high quality video, the SD8362E is the best choice for the most demanding outdoor surveillance applications.

* No SD/SDHC card slot & local storage function for Argentina.

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