VIVOTEK
BUILT WITH RELIABILITY

Onvif

SD8323E-SS
Speed Dome Network Camera

18x/28x/36x Zoom · Extreme Weatherproof · WDR Pro · 60 fps

VIVOTEK SD8323E-SS is a high performance day/night speed dome network camera suitable for professional outdoor surveillance applications. 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 SD8323E-SS supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality up to 60 fps @ D1 Resolution. Boasting WDR Pro technology, the SD8323E-SS can also cope with challenging lighting conditions and generate image quality similar to the capabilities of a 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 SD8323E-SS features removable IR-cut filter, maintaining clear images 24 hours a day. With other advanced features such as audio detection, 802.3at compliant PoE Plus and 60 fps high quality video, the SD8323E-SS is the best choice for the most demanding outdoor surveillance applications.

Features

> D1 SONY EXview HAD CCD Sensor
> Up to 60 fps @ D1 Resolution
> 36x 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
> EIS (Electronic Image Stabilizer) for Ultimate Video Experience
> Weather-proof IP66-rated Housing
> -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
> Audio Detection for Instant Alert
> Built-in 802.3at Compliant PoE Plus
> 3D Privacy Masks for Additional Protection

Specifications

Pan/Tilt/Zoom	· Pan range: 360° continuous rotation · Tilt range: 0° ~ 90° flip · 36x optical zoom · Pan speed: 0.1° ~ 300° /sec · Tilt speed: 0.1° ~ 120° /sec · Auto pan mode · Auto patrol mode
Lens	· 36x optical zoom lens, f = 3.4 ~ 122.4 mm, F1.6 (wide), F4.5 (tele), auto focus, auto-iris, focus range: 10 mm (wide) ~ 1500 mm (tele) to infinity · Removable IR-cut filter for day & night function
Angle of View	· 1.7 ~ 57.8° (horizontal)
Shutter Time	· 1/1 sec. to 1/10,000 sec.
Image Sensor	· 1/4" SONY EXview HAD CCD Sensor
Minimum Illumination	· 0.01 Lux @ F1.6 (Color); 0.001 Lux @ F1.6 (B/W)
Video	· Compression: H.264, MJPEG & MPEG-4 · Streaming: Multiple simultaneous streams H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS 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 60/50 fps at 720x576 MPEG-4: Up to 60/50 fps at 720x576 MJPEG: Up to 60/50 fps at 720x576 (Up to 30/25 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 · EIS (Electronic Image Stabiliztion) · Automatic, manual or scheduled day/night mode · BLC (Backlight Compensation) · Supports 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

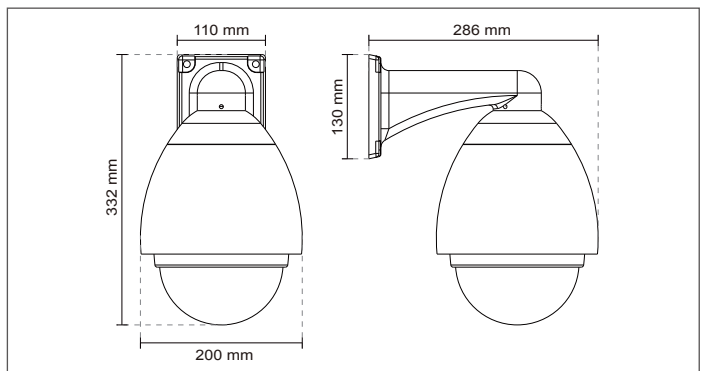|	
Networking	· 10/100 Mbps Ethernet, RJ-45 · ONVIF support · Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
Alarm and Event Management	· Triple-window video motion detection · Audio detection · Three D/I and two D/O for external sensor and alarm · Event notification using HTTP, SMTP or FTP · Local recording of MP4 file
Security	· Muilti-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
Dimension	· Camera: Ø 200 mm x 270 mm · Cable length: 1330 mm · Cable diameter: Ø 15 mm; Max width: Ø 20 mm
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
Approvals	· CE, LVD, FCC, VCCI, C-Tick
Operating Environments	· Temperature: -40 ~ 55℃ (AC 24V) · Temperature: -10 ~ 55℃ (PoE Plus) · Humidity: 90% RH
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	· 24 months

Dimension

110 mm · 286 mm · 130 mm · 332 mm · 200 mm

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