Technical Specifications

Models
SD8314E/SD8316E (SD8314E/16E)
SD8324E/SD8326E (SD8324E/26E)

System Information
System on Chip
MEDIATEK SC9010 (System-on-Chip)

Flash
128 MB

RAM
256 MB

Compatible Accessories
Power Adapter

Display Language
English, French, German, Spanish, Portuguese, Italian, Chinese.

Alarm Events
Event notification using digital output, SMTP, FTP, and/or NMS server.

ONVIF
ONVIF 2.0 conformance compliant (SD8314E/24E). Support ONVIF 2.4 conformance compliant for SD8324E/26E.

General

Connectors
802.1X (IEEE 802.1X compliant)

Audio Capability
Audio input

Interface
10Base-T/100 Base-TX Ethernet (RJ-45)

Live Viewing
Live viewing for up to 10 clients

Video Stream Services
Scheduled profile settings (Up to 24)

Scheduled Profile Services
Configuration (24)

Scheduled Event Services

Vivotek Accomplishes
24/7 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 SD8314E/24E/16E/26E supports high-performance H.264/MPEG-4/JPEG compression technology and offers extra smooth video quality with resolution up to 30 fps @ D1. Boasting WDR Pro Technology, the SD8314E/24E/16E/26E 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 joystick to track the object of interest and set up to 256 preset positions for patrolling. With the built-in auto tracking feature, the SD8314E/24E/16E/26E 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 SD8314E/24E/16E/26E 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 30 fps high quality video, the SD8314E/24E/16E/26E is the best choice for the most demanding outdoor surveillance applications.

Dimensions

Dimensions

Compatible Accessories

Mounting Kits
AM-103: Recessed kit
AM-115: Pendant pipe
AM-116: Pendant pipe
AM-117: Pendant pipe
AM-118: Pendant mounting kit
AM-231: Pendant head mounting kit
AM-221: Pendant head mounting kit

Mounting Kits
AM-311: Corner Mount kit
AM-411: Wall Mount kit
AM-711: Junction Box
AM-114: Pendant head mounting kit
AM-519: 1.5” PT adapter
AM-341: AC-24 power adapter

PoE Kits
AP-330: PoE plus injector
AP-331: PoE plus injector
AP-332: PoE plus injector

Others
AC-216: Knockout cover
AO-601: Combo cable
IDP-USB: USB Joystick

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The audio detection feature enables an event trigger when a sudden, unexpected increase or decrease in sound volume occurs so as to alert users of a possible emergency situation.

**Audio Detection for Instant Alerts**

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**Advanced Mechanism**

SD8314E/24E/16E/26E has a pan range of 360° and tilt range of 220°. With the additional 20° tilt range, the SD8314E/24E/16E/26E is able to expand the viewing range to the field above the normal horizontal view. Additionally, the SD8314E/24E/16E/26E is built with QuickPan technology, allowing for 360° endless panning at a speed of 450° per second. This allows users to quickly direct the camera lens to catch any object of interest in the field of view surrounding the camera.

**Clear Images 24/7**

The SD8314E/24E/16E/26E deliver day & night functionality with a built-in removable IR-cut filter. By day, the IR-cut filter screens out infrared light to reduce color distortion, and at night, the filter is removed to accept infrared light for higher lighting efficiency.

**Unparalleled Visibility in High Contrast Environments**

When a camera is used in a high contrast, backlight, glare or light reflective environment, such as a building entrance, ATM or window, an object may appear dark and unrecognizable. WDR (Wide Dynamic Range) technology compensates for the unbalanced lighting, restoring the details throughout the field of view. With this feature, the SD8314E/24E/16E/26E is able to maintain image quality even under challenging light conditions.

**Wide Temperature Range**

The wide temperature range (–40°C ~ 55°C) enhances the SD8314E/24E/16E/26E’s performance and reliability under extremely harsh weather conditions.

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**Extreme Weatherproof**

The weather-proof IP66- and NEMA 4X-rated housing protects the camera from rain, dust, and corrosion, allowing the device to operate outdoors under a multitude of weather conditions.

**SD83x4E/x6E Speed Dome Network Camera**

- **D1 SONY Exview HAD CCD Sensor**
- **30 fps @ D1**
- **18x / 36x Zoom Lens**
- **WDR Pro for Unparalleled Visibility in High Contrast Environments**
- **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)**
- **Weather-proof IP66-rated and NEMA 4X 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**