### Key Features

- **IK10-rated vandal-resistant feature** to protect the camera from destructive behaviors
- **Easy Focus/Easy Zoom functions** for easy installation
- **Optical Day/Night function** to switch to Day or Night mode depending on the light level
- **Stream Squared function** to send two 4:3 aspect ratio videos in user-selectable resolutions up to SD simultaneously (Low-cost solution to replace two SD cameras located in a line)
- **DEPA Intelligent Video Analytics system** can be set up with a DEPA-enabled recorder
- **Analog monitor output** (phono jack)
- **Powered by PoE** (Power over Ethernet) for simple installation
- **ONVIF (Open Network Video Interface Forum)** conformance that ensures greater interoperability and more flexibility in building multiple-vendor systems

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**Example**

**1st Streaming**
SVGA video of a whole

**2nd Streaming**
Cropped area (up to VGA resolution)
SPECIFICATIONS

**SNC-EM521**

**Camera**
- Image sensor: 1/3-type "Exmor" CMOS sensor
- Number of effective pixels (H x V): Approx. 1.4 Megapixel (1329 x 1049)
- Minimum illumination: Color: 0.50 lx, B/W: 0.30 lx (F1.2, shutter 1/30 sec., AGC 42dB, 50IRE by IP)
- Gain control: Auto
- Electronic shutter speed: 1/1 to 1/10,000 s
- Lens type: Built-in Vari-focal lens
- Powered zoom: Yes (Easy Zoom)
- Zoom ratio: Optical 2.9x
- Zoom type: Yes (Easy Focus)
- Horizontal viewing angle: 85.4 to 31.2 degrees
- F-number: F1.2 (Wide), F2.1 (Tele)
- Minimum object distance: 300 mm
- Camera Features: Day/Night: Yes, Noise reduction: Yes

**Image**
- Codec: H.264, MPEG-4, JPEG
- Video compression format: H.264, MPEG-4, JPEG
- Codec streaming capability: Dual streaming
- Maximum frame rate: 30 fps (H.264, MPEG-4, JPEG)

**Scene Analytics**
- Intelligent motion detection: Yes

**Network**
- Protocols: IPv4, IPv6, TCP, UDP, ARP, ICMP, HTTP, HTTPS, FTP (client only), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)
- Onvif conformance: Yes
- Number of clients: 5
- Authentication: IEEE802.1X
- Analog monitor output: Phono jack x 1 (1.0 Vp-p, 75 ohms, unbalanced, sync negative)
- Network port: 10BASE-T / 100BASE-TX (RJ-45)
- Sensor input: x 1, make contact, break contact
- Alarm output: x 1, 24V AC/DC, 1A (mechanical relay outputs electrically isolated from the camera)

**General**
- Power requirements: PoE (IEEE802.3af compliant)
- Power consumption: 6.0 W max
- Operating temperature: -10 to +50 °C (14 to 122°F)
- Starting temperature: 0 to +50 °C (32 to 122°F)
- Storage temperature: -20 to +60 °C (-4 to +140°F)
- Operating humidity: 20 to 80%
- Storage humidity: 20 to 95%
- Vandal resistant: IK10
- Dimensions (W x H x D): ø140 mm × 119 mm (5 5/8 inches × 4 3/4 inches)

**System Requirements**
- Operating system: Microsoft Windows XP, Windows Vista (32 bit), Windows 7 (32 bit)
- Processor: Intel Core2 Duo 2 GHz or higher
- Memory: 1 GB or more
- Web browser: Microsoft Internet Explorer Ver. 6.0, Ver. 7.0, Ver. 8.0, Firefox Ver. 3.5, Google Chrome Ver. 4.0
- Safety regulations: UL1244, FCC Class A Digital Device, CE Class A Digital Device. EEC60950-1, EN55022(A)+EN55024+EN55032
- Display: 110 x 110 mm (4 3/4 inches)

**DIMENSIONS**

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