



## SNCVB600B

Network 720p/30 fps  
HD Fixed Camera - V  
Series - Powered by  
IPELA ENGINE  
Technology

**\$1,284.00**

U.S.List Price

UPC: 027242279827

### Overview

"SNC-VB series is the latest addition to Sony's complete lineup of HD network cameras. This tripe-stream capable network HD cameras, supporting H.264 and JPEG compression formats, delivers excellent picture quality in 720p HD resolution at up to 30 fps.

The SNC-VB600B incorporates Sony's state of the art Exmor™ CMOS image sensor. It is specially designed for security applications and includes the latest image enhancement technologies such as View-DR. View-DR incorporates the latest in Wide-D technology along with Visibility Enhancer, and XDNR, allowing these cameras to provide excellent HD images, even under the most challenging backlit conditions.

The SNC-VB600B is the ideal choice for even the most demanding surveillance monitoring applications."

### Highlights

- \* Maximum resolution of 1280 x 1024 pixels with the Exmor™ CMOS sensor
- \* Up to 30 frames per second (fps)
- \* Dynamic range equivalent to 130 dB achieved with View-DR technology
- \* H.264 (High/Main/Baseline Profiles) / JPEG video codecs and AAC (16 kHz/48kHz)/G.726/G.711 audio codecs
- \* Scene analytics enhanced by unique features such as face detection
- \* Minimum illumination of 0.05 lx in color mode and 0.04 lx in B/W mode at 50 IRE and 30 fps
- \* ONVIF (Open Network Video Interface Forum) Profile S conformance
- \* SD card slot for an on-board recording capability
- \* VBR (variable bitrate) or CBR (constant bitrate) encoding format selectable to correspond with various network conditions

### Specifications

| Camera Specifications | Detail  |
|-----------------------|---|
| IP/Analog             | IP  |
| Camera Type           | 720p/30fps HD Fixed Camera  |
| Type                  | 720p/30fps HD Fixed Camera  |
| Image Device          | 1/3-type progressive scan Exmor CMOS sensor                                 |
| Effective Pixels      | Approx. 1.37 Megapixels   |
| Minimum Illumination  | Color: 0.05 lx, B/W: 0.04 lx (F1.2, shutter 1/30 s, AGC on, 30 fps, 50 IRE) |
| Lens Mount            | CS mount  |

|   |  |
|---|--|
| Lens Type                                 | Varifocal lens   |
| Focal Length                              | f=2.8mm to 8.0mm   |
| F-Number                                  | F1.2 (Wide) to F1.95 (Tele)  |
| Compression Format                        | JPEG / H.264   |
| Day Night                                 | Yes, true Day/Night  |
| Wide-D                                    | Yes  |
| Zoom Ratio                                | Optical 2.9x, Digital zoom 2x  |
| Minimum Object Distance                   | 300 mm   |
| White Balance Mode                        | ATW, ATW-PRO, Fluorescent lamp, Mercury lamp, Sodium vapor lamp, Metal halide lamp<br>White LED, One push WB, Manual   |
| Horizontal Viewing Angle                  | 100.0° to 35.7°  |
| Exposure Control                          | Exposure compensation, AGC, Shutter speed, Iris  |
| Gain                                      | Auto (Max. limit value selectable)   |
| <b>Image Specifications</b>               | <b>Detail</b>  |
| Image Size                                | (H x V)<br>1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576,<br>720 x 480, 704 x 576, 640 x 480, 352 x 288, 320 x 240 (H.264, JPEG)   |
| Compression Format                        | H.264 or JPEG  |
| Frame Rate                                | H.264: 30 fps (1280x1024)<br>JPEG: 30 fps (1280x1024)  |
| <b>Analog Video Output Specifications</b> | <b>Detail</b>  |
| Signal System                             | NTSC / PAL (selectable)  |
| <b>Interface Specifications</b>           | <b>Detail</b>  |
| Interface                                 | Card Slot: SD card x1  |
| Network                                   | 10BASE-T/100BASE-TX (RJ-45)  |
| I/O Port                                  | Sensor input: x2, make contact, break contact<br>Alarm output: x2, 24V AC/DC, 1 A (mechanical relay outputs electrically isolated from the camera)   |
| External Microphone Input                 | Mini jack (monaural)   |
| Analog Video Output                       | BNC x1, 1.0 Vp-p, 75 ohms, unbalanced, sync, negative  |
| Audio Line Output                         | Mini jack (monaural), Maximum output level: 1 Vrms   |
| <b>General Specifications</b>             | <b>Detail</b>  |
| Weight                                    | Approx. 1 lb 4 oz (565 g) with lens  |
| Dimensions (W x H x D)                    | 2 7/8 inches x 2 1/2 inches x 5 3/4 inches (72 mm x 63 mm x 145 mm) not including the projecting parts<br>2 7/8 inches x 2 1/2 inches x 7 7/8 inches (72 mm x 63 mm x 197 mm) with lens not including the projecting parts |
| Power Requirements                        | PoE system (IEEE 802.3af compliant), DC 12V, AC 24V  |
| Power Consumption                         | 6.0 W max.   |
| Operating Temperature                     | 14° F to 122° F (-10° C to +50° C)   |
| Storage Temperature                       | -4 °F to +140 °F (-20 °C to +60 °C)  |
| Storage Humidity                          | 20% to 95%   |
| Compression                               | H.264 or JPEG  |
| Watts                                     | 6.0 W max.   |
| <b>Network Specifications</b>             | <b>Detail</b>  |
| Protocols                                 | IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)   |
| <b>System Requirements Specifications</b> | <b>Detail</b>  |
| Operating System                          | Microsoft Windows XP® (32 bit) Professional, Windows Vista® (32 bit) Ultimate, Business Edition, Windows 7® (32 bit/64 bit) Ultimate, Professional Edition   |

|             |  |
|-------------|--|
| Processor   | Intel Core i7 2.8 GHz or higher  |
| Memory      | 2 GB or more   |
| Web Browser | MS IE Ver. 7.0 - 9.0 or Firefox® 3.5; Safari® 4.0; Google® Chrome 4.0 (plug-in free viewer only) |

## Resources

### Installation Guide

| Description:                      | Release Date | Type/Size  |
|-----------------------------------|--------------|------------|
| SNC-VB series installation manual |              | pdf / 373K |

### User Manual

| Description:                        | Release Date | Type/Size          |
|-------------------------------------|--------------|--------------------|
| SNC-VB and SNC-VM series user guide |              | 2(GB).pdf / 1,189K |

### Specification Sheet

| Description:                     | Release Date | Type/Size    |
|----------------------------------|--------------|--------------|
| IPELA ENGINE EX Series Line Card | 04/19/2013   | PDF / 3,435K |
| SNC-VB600B Datasheet             | 04/22/2013   | PDF / 590K   |