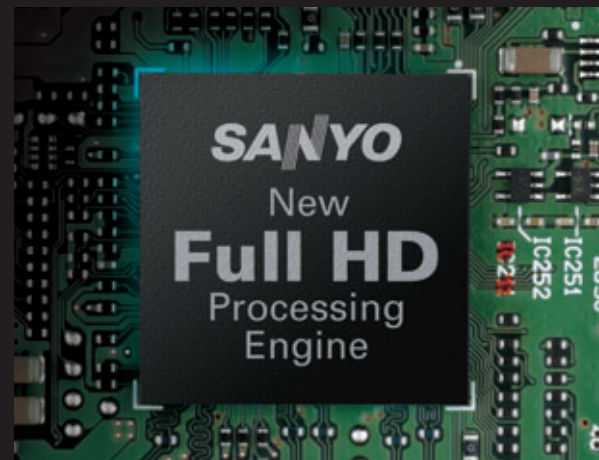


Full HD Zoom Camera

SANYO

VCC-HD4600P



SANYO, the first choice for Full HD

- Built-in 10x AF megapixel-rated lens (6.3 to 63mm)
 - 1080p Full HD, 25 ips Full Framerate with H.264
 - 4-megapixel (2288 x 1712) resolution with MJPEG
 - Exclusive Xacti HD-Pro Engine and Optimum IP-Pro Engine
 - Quad-Stream
 - High sensitivity & illumination of 0.00125 lx (B/W) / 0.025 lx (Color) at 20 IRE, 0.003125 lx (B/W) / 0.0625 lx (Color) at 50 IRE (F1.8)
 - HDMI Output
 - Video Analytics
 - Edge Recording on SD Memory Card and External HDD*
 - Digital PTZ and image stabilization
 - Bidirectional Audio
 - Universal Power Input PoE, 24VAC and 12VDC
- * Normal/Alarm/Back-up REC, The use of Sanyo recommended SD card/ HDD.

FULL HD
1920 X 1080



VCC-HD4600P
Quad-Stream
Day/Night AF-Zoom
DAY NIGHT

Technical Specifications

Camera

| Model No. | | VCC-HD4600P |
|--------------------------------|------------|---|
| Image sensor | | 1/2.5" Progressive Scan CMOS |
| Number of pixels | | Effective 16:9 1920 (H) x 1080 (V) 4:3 2288 (H) x 1712 (V) |
| Minimum illumination (approx.) | | Color 2.0 lux (F1.8, GAIN MAX), B/W 0.1 lux (F1.8, GAIN MAX) |
| Video S/N ratio | | More than 50 dB (AGC off) |
| Lens | | 10x Optical Zoom, 16x Digital Zoom f=6.3 to 63mm, F1.8-2.5 |
| View angle | Horizontal | (16:9) 5.5 - 50.6° (4:3) 5.2 - 48.7° |
| | Vertical | (16:9) 3.1 - 29.3° (4:3) 3.9 - 37° |
| | Diagonal | (16:9) 6.2 - 57° (4:3) 6.5 - 58.8° |
| Auto Focus | | Auto/Manual/One-Push |
| Backlight compensation | | Multi/Center/Face/Off, Mask settings possible |
| White balance | | ATW/AWC/MWB/Outdoor/Indoor/Fluorescent Adjustable R and B signals in MWB mode |
| AGC | | Normal/Middle/High/Off Adjustable, gain control in Off mode |
| Electronic shutter | | 1/25, 1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Long shutter : x1, x2, x4, x8, x16, x32 |
| Electronic iris | | On/Off |
| Gamma | | 0.45/1/Mode1/Mode2 |
| Aperture compensation | | On/Off |
| Day/Night | | True Day/Night |
| DNR | | 3D |
| Title | | 16 Characters |
| Motion detection | | Yes, Video analytics |
| Face detection | | Yes |
| Privacy mask | | On/Off |
| Image Stabilizer | | Yes |

Network

| | | |
|------------------------------|-------|---|
| Image compression | | MJPEG / H.264 |
| Resolution | H.264 | <16:9> 1920x1080 / 1280x720 / 640x360 / 320x180 <4:3> 1600x1200 / 1280x960 / 1024 x 768 / 640x480 / 320x240 |
| | MJPEG | <16:9> 1920x1080 / 1280x720 / 1024x576 / 640x360 <4:3> 2288x1712 / 1600x1200 / 1280x960 / 1024x768 / 800x600 / 640x480 / 320x240 |
| Picture quality | | Quality: (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE) Bitrate: Chageable |
| Frame rate | | Max. 25 ips (1920x1080) |
| Streaming number | | 4 |
| Video streaming | | Multi stream H.264 and MJPEG (Max 1920x1080 25ips) |
| Audio compression method | | G.711, Bidirectional(Full duplex) |
| Protocol | | TCP/IP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, DDNS, RTP, RTSP |
| Simultaneous access capacity | | Max. 20 |
| Security | | BASIC authentication (ID/password), SSL supported (Only JPEG), IP filtering |

Interface

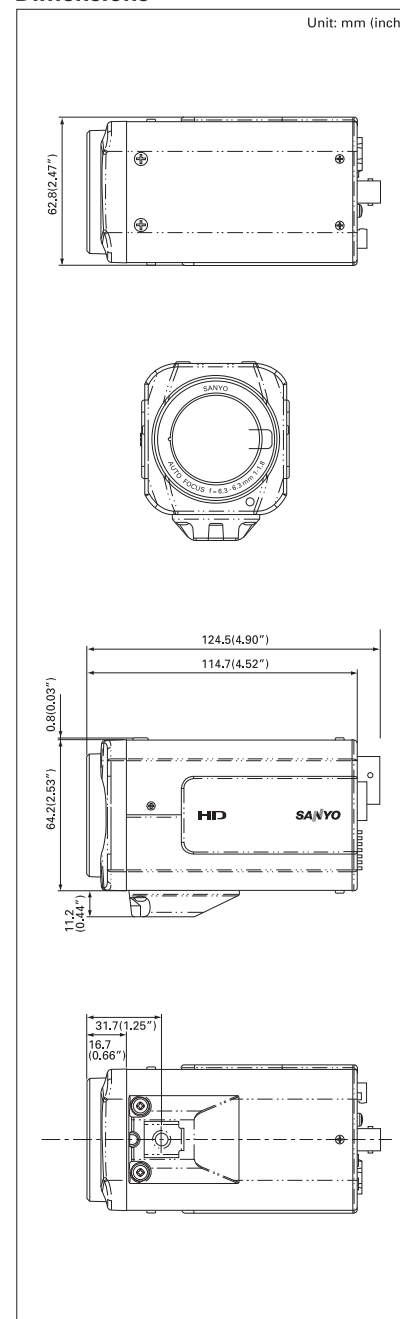
| | | |
|---------------------|--|---|
| Video output | | Composite out (for adjustment only), HDMI (mini type) |
| SD memory card slot | | 1(SDHC) |
| Network port | | 10BASE-T/100BASE-TX (RJ45 connector) |
| Alarm input/output | | 2/2 |
| Audio input/output | | Mic in/Line out (3.5 Φ mini jack) |
| USB port | | For dedicated HDD case only |

General

| | | |
|----------------------------------|-----------|---|
| Environmental conditions | Operating | Temperature: -10 to +50°C Humidity: within 90% RH |
| | Storage | Temperature: -20 to +70°C Humidity: within 70% RH |
| Power supply | | 24V AC ±10%, 50Hz/ 12 - 15V DC, PoE (IEEE802.3af) |
| Power consumption (approx.) | | 15.0W (24VAC/12VDC), 12.3W (PoE) |
| Dimensions (approx.) (W x H x D) | | 62.8 x 64.2 x 114.7mm |
| Weight (approx.) | | 420g |

*Specifications, design and availability are subject to change without notice.

Dimensions



Caution: Please consult the instruction manual to ensure safe and proper operation of the product.



Digital System Company of SANYO Electric Co., Ltd. obtained Quality Management System ISO9001 and Environmental Management System ISO14001 certifications.

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