

# Think GAIA

For Life and the Earth

# SANYO

## Full HD Vandal-Resistant Dome Camera Series

VDC-HD3100  
VDC-HD3300  
VDC-HD3500



## SANYO, the first choice for Full HD

- Built-in megapixel-rated Vari-Focal Lens (3 to 9mm)
- IP66-rated Vandal-Resistant discreet Low-Profile Design
- 1080p Full HD, 30 ips Full Framerate with H.264
- 4-megapixel (2288 x 1712) resolution with MJPEG
- Exclusive Xacti HD-Pro Engine and Optimum IP-Pro Engine (HD3500)
- Quad-Stream (HD3500), Dual-Stream (HD3100/HD3300)
- Focus Assist Drive
- Video Analytics \*1
- Alarm/Back-up Recording on SD Memory Card \*2
- Bidirectional Audio \*1
- Universal Power Input PoE, 24V AC and 12V DC

\*1 Only for VDC-HD3500

\*2 Only for VDC-HD3500 (Use Sanyo-recommended SD card)

**FULL HD**  
1920 x 1080



**VDC-HD3100**  
Dual-Stream Color  
Vandal-Resistant Dome

**VDC-HD3300**  
Dual-Stream Day/Night  
Vandal-Resistant Dome

**DAY NIGHT**

**VDC-HD3500**  
Quad-Stream Day/Night  
Vandal-Resistant Dome

**DAY NIGHT**

**Technical Specifications**

**Camera**

| Model No.                      | VDC-HD3500  | VDC-HD3300                               | VDC-HD3100 |
|--------------------------------|---|--|------------|
| Image sensor                   | 1/3" 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 1.0 lux (F1.2, GAIN HIGH), B/W 0.1 lux (F1.2, GAIN HIGH)   Color 1.0 lux (F1.2, GAIN HIGH)            |  |            |
| Video S/N ratio                | More than 50 dB (AGC off)   |  |            |
| Lens                           | Built-in vari-focal lens f=3 to 9mm, F1.2 to 2.1  |  |            |
| Electronic focus adjustment    | With focus assist   |  |            |
| Backlight compensation         | Multi/Center/Face/Off, Mask settings possible   | Multi/Center/Off, Mask settings possible |            |
| White balance                  | ATW/AWC/MWB/Outdoor/Indoor/Fluorescent<br>Adjustable R and B signals in MWB mode                            |  |            |
| AGC                            | Normal/Middle/High/Off Adjustable, gain control in Off mode   |  |            |
| Electronic shutter             | 1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000<br>Long shutter : x1, x2, x4, x8, x16, x32 |  |            |
| Auto iris control              | DC type   |  |            |
| 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  | Yes                                      |            |
| Face detection                 | Yes   | —  |            |
| Privacy mask                   | On/Off  |  |            |

**Network**

|                              |   |   |  |
|------------------------------|---|---|--|
| Image compression            | MJPEG / H.264   |   |  |
| Resolution                   | H.264   | <16:9> 1920x1080 / 1280x720 / 640x360 / 320x180<br><4:3> 1600x1200 / 1280x960 / 1024 x 768 / 640x480 / 320x240                      |  |
|                              | MJPEG   | <16:9> 1920x1080 / 1280x720 / 1024x576 / 640x360<br><4:3> 2288x1712 / 1600x1200 / 1280x960 / 1024x768 / 800x600 / 640x480 / 320x240 |  |
| Picture quality              | Quality: (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE) Bitrate: Chageable     |   |  |
| Frame rate                   | Max. 30 ips (1920x1080)   |   |  |
| Streaming number             | 4   | 2   |  |
| Video streaming              | Multi stream H.264 and MJPEG (Max.1920x1080 30 ips)                         |   |  |
| 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**

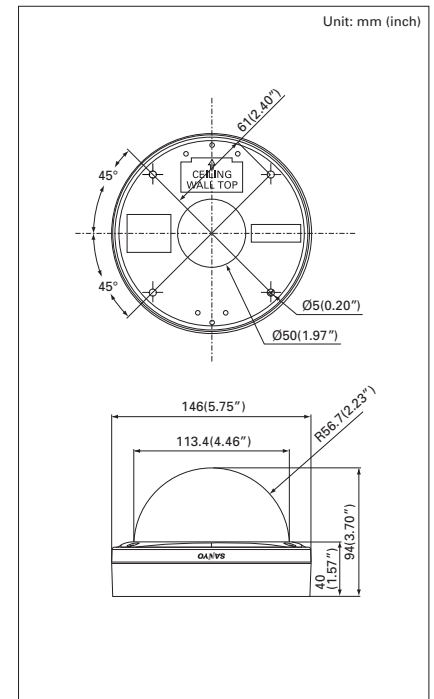
|                     |                                      |   |  |
|---------------------|--------------------------------------|---|--|
| Monitor output      | Composite out (for adjustment only)  |   |  |
| SD memory card slot | 1(SDHC)                              | — |  |
| Network port        | 10BASE-T/100BASE-TX (RJ45 connector) |   |  |
| Alarm input/output  | 2/2                                  |   |  |
| Audio input/output  | Mic in/Line out (35Φ mini jack)      | — |  |

**General**

|                                 |  |   |  |
|---------------------------------|--|---|--|
| Environmental conditions        | Operating  | Temperature: -10 to +50°C (14°F to 122°F) Humidity: within 90% RH |  |
|                                 | Storage  | Temperature: -20 to +70°C (-4°F to 158°F) Humidity: within 70% RH |  |
| Power supply                    | 24V AC ±10%, 60 Hz/ 12 - 15V DC, PoE (IEEE802.3af) |   |  |
| Power consumption (approx.)     | 6.8w (with Heater 20w)                             | 4.6w (with Heater 18w)  |  |
| Dimensions (approx.) (Dia. x H) | Φ 146 x 94mm (5.75 x 3.70 inch)                    |   |  |
| Weight (approx.)                | 800g (28.22 oz)                                    | 770g (27.16 oz)   |  |

\*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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