

SANYO North America Corporation

Technical Specifications for SANYO 2009 HD Network Camera Line-up

| Type of camera | | Box | | Dome | | Zoom | PTZ | | |
|---------------------------------|--------------------------------|--|----------------|-------------------------------|------------------------------|--|-----------------------------------|-------------------------|---|
| Model Number | | VCC- HD2100 HD2300 | VCC- HD2500 | VDC- HD3100 HD3300 | VDC- HD3500 | VCC- HD4600 | VCC- HD5400 | VCC- HD5600 | |
| Sensor | Image Sensor | 1/3" Progressive Scan CMOS | | | | 1/2.5" Progressive Scan CMOS | | | |
| | Effective Picture Elements | 16:9: 1920 (H) x 1080 (V) 4:3: 2288(H) x 1712(V) | | | | 16:9: 1920 (H)x1080 (V) 4:3: 1600(H) x 1200(V) | | | |
| Lens | Focal Length | CS Mount | | f=3-9mm, Varifocal | | f=6.3-63mm, 10xAF Zoom | | | |
| | F Number | | | F1.2 to 2.1 | | F1.8 to 2.5 | | | |
| | Focus Method | Focus Assist | | Focus Assist | | Auto Focus | Auto Focus | | |
| Camera | Synch. System | Internal Synchronizing | | | | | | | |
| | Min. Illumination (@Gain High) | Color 1.0Lux @F1.2 B/W 0.1Lux @F1.2 ^{*1} | | | | Color 2.0Lux @F1.8 B/W 0.1Lux @F1.8 | | | |
| | Day & Night | x ^{*2} | x | x ^{*3} | x | x | | | |
| | Digital Zoom | - | x | - | x | x | | | |
| | Backlight Compensation | Multi-spot metering/ Center-Zone metering/ Face ^{*4} /OFF, Mask settings Possible | | | | | | | |
| | Electric Shutter | 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec | | | | | | | |
| | Electronic Sensitivity | Auto/ Off, Maximum 32x | | | | | | | |
| | Privacy Masking | x | | | | | | | |
| | Video Analytics | - | x | - | x | x | | | |
| | Image Stabilizer | - | | | | x | | | |
| | Recording | Normal Recording | - | | | | | | x |
| Alarm-REC, Backup ^{*5} | | - | x | - | x | x | | | |
| Image Quality | | Selectable (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE) | | | | | | | |
| Recording Rate | | Selectable, Maximum 30ips | | | | | | | |
| Interface | LAN | RJ45 | | | | | | | |
| | Composite | for Adjustment purpose | | | | | | | |
| | HDMI | - | | | | x | x | Option | |
| | Alarm Input | 2 | | | | 4 | | 8 | |
| | Alarm Output | 2 | | | | 2 | | 2 | |
| | SD Card Slot ^{*6} | - | x | - | x | x | | | |
| | USB Port ^{*7} | - | | | | | | | x |
| | Audio (3.5φMiniJack) | - | x | - | x | x | | | |
| Network | Image Compression | H.264/ MJPEG | | | | | | | |
| | Image Size H.264 | <16:9> 1920x1080, 1280x720, 640x360, 320x180 <4:3> 1600x1200, 1280x960, 1024x768, 640x480, 320x240 | | | | | | | |
| | Image Size MJPEG | <16:9> 1920x1080, 1280x720, 1024x576, 640x360 <4:3> 2288x1712, 1600x1200, 1280x960, 1024x768, 800x600, 640x480, 320x240 | | | | <16:9> 1920x1080, 1280x720, 1024x576, 640x360 <4:3> 1600x1200,1280x960, 1024x768,800x600,640x480, 320x240 | | | |
| | Frame Rate | Maximum 30ips | | | | | | | |
| | Image Quality | Selectable (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE) | | | | | | | |
| | Streaming number | 2 | 4 | 2 | 4 | 4 | | | |
| | Bidirectional Audio | - | x | - | x | x | | | |
| | Interface | 10BASE-T/100BASE-TX | | | | | | | |
| | Protocols | TCP/IP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, DDNS, RTP, RTSP | | | | | | | |
| | Simultaneous Access | Max. 20 | | | | | | | |
| | Security | BASIC authentication, ID/password / SSL supported(only JPEG)/ IP Filtering | | | | | | | |
| Others | Environmental Conditions | -10°C to - 50°C/ Less than 90% RH | | | | | | | |
| | Power Source | 24VAC/12VAC/PoE | | 24VAC/12VAC/PoE ^{*8} | | 24VAC/ 12VAC/PoE ^{*9} | 24VAC/ 12VDC/PoE ^{*9} | 24VAC ^{*10} | |
| | Power Consumption | 4.6 w | 6.8 w | 4.6W, 18w ^{*11} | 6.8 w, 20w ^{*11} | 12.3w | 21w (24VAC) | 24w | |
| | Dimensions mm inch | 72.4 x 44.8 x 75.2 2.85x1.76x2.96 (W, H,D) | | φ146 x 94 5.75x3.70 | | 62.8x64.2x114.7 2.47x2.53x4.52 (W, H,D) | Φ124x153.4 4.88 x 6.04 | φ192x181 7.56 x 7.13 | |
| | Weight g oz | 220 7.76 | 250 8.82 | 770 27.16 | 800 28.22 | 420 14.81 | 1.35kg 47.62 | 1.90kg 67.02 | |

*1 Except VCC-HD2100, VDC-HD3100;

*2 Except VCC-HD2100;

*3 Except VDC-HD3100;

*4 Except VCC-HD2100/2300, VDC-HD3100/3300;

*5 In case of network obstacle;

*6 For SD/SDHC memory card (Use of Sanyo recommendation SD card) ;

*7 For Dedicated External HDD (SANYO recommended HDD);

*8 Only 24VAC can be used when use heater of option;

*9 Only 24VAC and 12VDC can be used when use HDD

*10 Power units are sold separately (VA-94S:24VAC);

*11 With option heater (VA-60H)

Note: The design and specifications are subject to change without notice