

Think GAIA
For Life and the Earth

SANYO

Full HD
CS-Mount Camera Series

VCC-HD2100
VCC-HD2300
VCC-HD2500



SANYO, the first choice for Full HD

- Ultra-compact camera style
- 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 (HD2500)
- Quad-Stream (HD2500), Dual-Stream (HD2100/HD2300)
- 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 VCC-HD2500

*2 Only for VCC-HD2500 (Use Sanyo-recommended SD card)

FULL HD
1920 x 1080



VCC-HD2100
Dual-Stream
Color CS-Mount

VCC-HD2300
Dual-Stream
Day/Night CS-Mount
DAY NIGHT

VCC-HD2500
Quad-Stream
Day/Night CS-Mount
DAY NIGHT

Technical Specifications

Camera

Model No.	VCC-HD2500	VCC-HD2300	VCC-HD2100
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 mount	CS mount		
Flange back	12.5mm ±0.5mm electronic adjustment with focus assist drive		
Backlight compensation	Multi/Center/Face/Off, Mask settings possible	Multi/Center/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	1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Long shutter : x1, x2, x4, x8, x16, x32		
Electronic iris	Yes		
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	No	
Privacy mask	On/Off		

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. 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

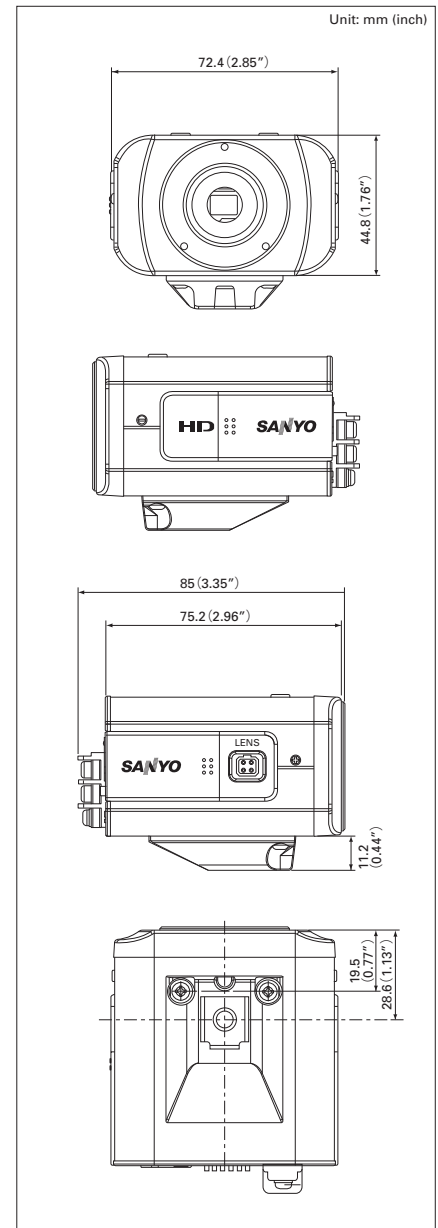
Monitor output	Composite out (for adjustment only)		
SD memory card slot	1(SDHC)	—	
Network port	10BASE-T/100BASE-TX (RJ45 connector)		
Alarm input/output	2/2		
Audio input/output	Mic in/Line out (3.5Φ mini jack)	—	

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 - 15 V DC, PoE (IEEE802.3af)		
Power consumption (approx.)	6.8w	4.6w	
Dimensions (approx.) (W x H x D)	72.4 x 44.8 x 75.2 mm (2.85 x 1.76 x 2.96 inch)		
Weight (approx.)	250g (8.82 oz)	220g (7.76 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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