

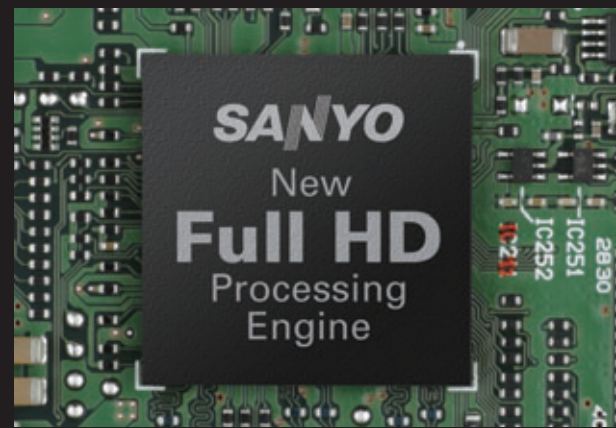
Think GAIA  
For Life and the Earth

**SANYO**

Full HD  
CS-Mount Camera Series

VCC-HD2100  
VCC-HD2300  
VCC-HD2500

**PRELIMINARY**



**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		
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, other settings available		
Aperture compensation	On/Off		
Day/Night	True Day/Night	-	
DNR	3 D		
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	5 levels (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE)		
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 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)	-	

### General

Environmental conditions	Operating	-10 to +50°C	
	Storage	-20 to +70°C	
Power supply	24 V AC ±10%, 60 Hz/ 12 - 15 V DC, PoE (IEEE802.3af)		
Power consumption (approx.)	6.8W	4.6W	
Dimensions (approx.)	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.

**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.

Distributed by:

# SANYO

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