

Think GAIA
For Life and the Earth

SANYO

Full HD Zoom Camera

VCC-HD4600



SANYO, the first choice for Full HD

- Built-in 10x AF megapixel-rated lens (6.3 to 63mm)
- 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
- Quad-Stream
- HDMI Output
- Video Analytics
- Local Recording on SD or HDD *
- Digital PTZ and image stabilization
- Bidirectional Audio
- Universal Power Input PoE, 24V AC and 12V DC

* Use Sanyo-recommended SD card/HDD.

FULL HD
1920 x 1080



VCC-HD4600
Quad-Stream
Day/Night AF-Zoom
DAY NIGHT

Technical Specifications

Camera

Model No.		VCC-HD4600
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 2.0lux (F1.8, GAIN HIGH), B/W 0.1lux (F1.8, GAIN HIGH)
Video S/N ratio		More than 50 dB (AGC off)
Lens		10x Optical Zoom, 16x Digital Zoom f=6.3 to 63mm, F1.8 to 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		1/30, 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		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. 30 ips (1920x1080)
Streaming number		4
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

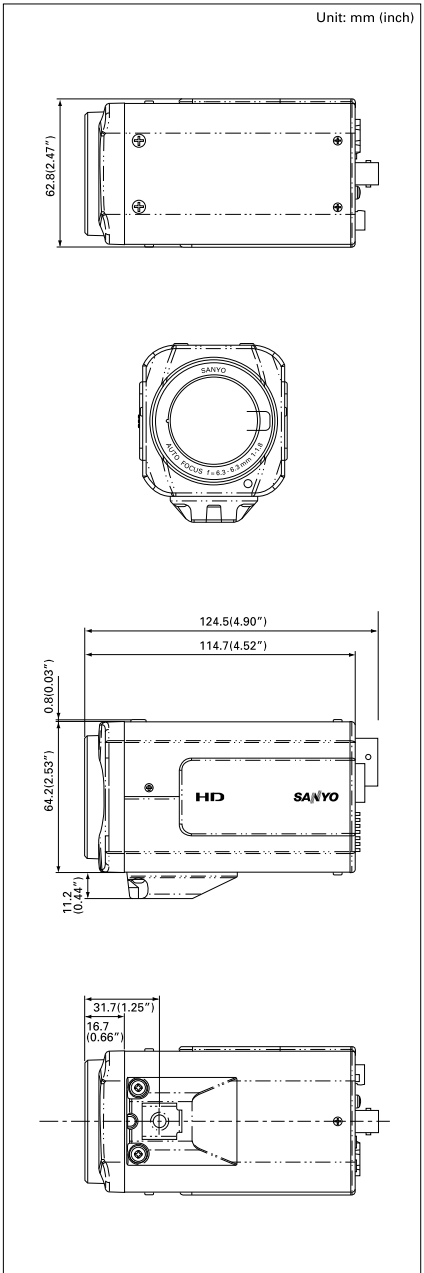
Video output	Composite out(for adjustment only), HDMI (mini type)
SD memory card slot	1(SDHC)
Network port	10BASE-T/100BASE-TX (RJ45 connector)
Alarm input/output	2/2
Audio input/output	Mic in/Line out(3.5Φ mini jack)
USB port	For dedicated HDD case only

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.)	15.0W (24VAC/12VDC), 12.3w (PoE)	
Dimensions (approx.) (W x H x D)	62.8 x 64.2 x 114.7mm (2.47 x 2.53 x 4.52 inch)	
Weight (approx.)	420g (14.81 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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