VCC-HD5400P

Quad-Stream DAY NIGHT
Compact Indoor PTZ

VCC-HD5600P

Quad-Stream DAY NIGHT Outdoor/Indoor
High-Speed PTZ

FULL HD
1920×1080

Full HD PTZ Camera Series

- Built-in 10x AF megapixel-rated lens (6.3–63 mm)
- 360-degree continuous PTZ (Pan-Tilt-Zoom)
- 1,080p Full HD, 25 ips full framerate with H.264
- Exclusive Xacti HD-Pro Engine and Optimum IP-Pro Engine (Twin Engine)
- Quad-Stream
- HDMI Output[1]
- Digital image stabilizer
- Video analytics
- Bidirectional audio
- Local recording on SD memory card and external HDD
- 4 years warranty on cameras (1 year on movable parts)

CCTV

[1] VCC-HD5400P and optional for VCC-HD5600P

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VCC-HD5400P | VCC-HD5600P

TECHNICAL DATA		VCC-HD5600P	VCC-HD5400P
Image sensor		1/2.5" Progressive Scan CMOS	
Number of pixels		Effective 16 : 9 1,920 (H) x 1,080 (V) 4 : 3 1,600 (H) x 1,200 (V)	
Minimum illumination (approx.)		Color 2.0 lux (F 1.8), B/W 0.1 lux (F 1.8)	
Video S/N ratio		More than 50 dB (AGC off)	
Lens		10x optical zoom, 16x digital zoom f = 6.3 to 63 mm, F 1.8 to 2.5	
View angle	Horizontal	(16 : 9) 5.5–50.6 degree; (4 : 3) 5.2–48.7 degree	
	Vertical	(16 : 9) 3.1–29.3 degree; (4 : 3) 3.9–37 degree	
	Diagonal	(16 : 9) 6.2–57 degree; (4 : 3) 6.5–58.8 degree	
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		1/25, 1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 Long shutter : x1, x2, x4, x8, x16, x32	
Electronic iris		On/Off	
Gamma		0.45/1/Mode 1/Mode 2	
Aperture compensation		On/Off	
Day/Night		True Day/Night with IR cut filter	
DNR		Yes, 3D	
Title		16 characters	
Motion detection		Yes, video analytics	
Face detection		Yes	
Privacy mask		On/Off	
Cropping function		Yes	
Network			
Image compression		MJPEG/H.264	
Resolution		MJPEG (16 : 9) 1,920 x 1,080/1,280 x 720/1,024 x 576/640 x 360 (4 : 3) 1,600 x 1,200/1,280 x 960/1,024 x 768/800 x 600/640 x 480/ 320 x 240 H.264 (16 : 9) 1,920 x 1,080/1,280 x 720/640 x 360/320 x 180 (4 : 3) 1,600 x 1,200/1,280 x 960/1,024 x 768/640 x 480/320 x 240	
Picture quality		5 levels (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE); Bitrate: changeable	
Frame rate		Max. 25 ips (1,920 x 1,080)	
Video streaming		Multi stream H.264 and MJPEG (max. 1,920 x 1,080; 25 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 (image only), IP filtering	
Mechanical			
Movement range	Panning	360 deg. endless pan	
	Tilting	–20 deg. to +200 deg.	
Movement speed	Panning	420 deg./sec (24 V AC)	350 deg./sec (24 V AC)
	Tilting	360 deg./sec (24 V AC)	350 deg./sec (24 V AC)
Preset positions		256 positions	
Auto mode		Sequence/auto pan/tour	
Auto return		On/Off	
Auto pursuit		On/Off	
Interface			
Video output		Composite out (for setup only), HDMI (optional)	Composite out (for setup only), HDMI
SD card slot		1 (SDHC)*	
Network port		10 BASE-T/100 BASE-TX (RJ45 connector)	
Alarm input/output		8/2	4/2
Audio input/output		Mic in/Line out (ø 3.5 mm mini jack)	
Communication		RS-485	
USB port		For dedicated HDD case only**	
General			
Environmental conditions	Operating	–10 to +50 °C; within 90% RH	
	Storage	–20 to +70 °C; within 70% RH	
Power supply		24 V AC ±10%, 50/60 Hz (VA-94S), 230 V AC±10%, 50/60 Hz (VA-90S)***	24 V AC ±10%, 50/60 Hz, 12 V DC, PoE
Power consumption (approx.)		29 W (24 V AC)	21 W (24 V AC/12 V DC), 12.3 W (PoE)
Dimensions (approx.)		ø 192 x 181 mm	ø 124 x 153.4 mm
Weight (approx.)		1.90 kg	1.35 kg

* Please use SANYO recommended SD card
** Please use SANYO recommended HDD
*** Combination with VCC-MCH5600P (Camera unit) and VA-94S (24 V AC)/VA-90S (230 V AC) (Power unit)

CE ISO 9001

Technical specifications subject to change without notice. Status 11/2009

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