Think GAIA
For Life and the Earth

VDC-HD3100P Dual-Stream Color Vandal-Resistant Dome
VDC-HD3300P Dual-Stream **DAY NIGHT** Vandal-Resistant Dome
VDC-HD3500P Quad-Stream **DAY NIGHT** Vandal-Resistant Dome

FULL HD
1920×1080

Full HD Vandal-Resistant Dome Camera Series

■ Built-in megapixel-rated vari-focal lens (3–9 mm)

■ IP66-rated vandal-resistant discreet low-profile design

■ 1,080p Full HD, 25 ips full framerate with H.264

■ 4 megapixel (2,288 x 1,712) resolution with MJPEG

■ Exclusive Xacti HD-Pro Engine[1] and Optimum IP-Pro Engine (Twin Engine)[2]

■ Quad-stream (HD3500P), dual-stream (HD3100P/HD3300P)

■ Focus Assist Drive

■ Video analytics[2]

■ Local recording on SD memory card[2]

■ Bidirectional audio[2]

■ Universal power input PoE, 24 V AC and 12 V DC

■ 4 years warranty on cameras (1 year on movable parts)

[1] VDC-HD3100P/VDC-HD3300P
[2] VDC-HD3500P

CCTV

VDC-HD3100P | VDC-HD3300P | VDC-HD3500P

TECHNICAL DATA	VDC-HD3500P	VDC-HD3300P	VDC-HD3100P
Image sensor	1/3" Progressive Scan CMOS		
Number of pixels	Effective 16 : 9 1,920 (H) x 1,080 (V) 4 : 3 2,288 (H) x 1,712 (V)		
Minimum illumination (approx.)	Color 1.0 lux (F 1.2, GAIN HIGH), B/W 0.1 lux (F 1.2, GAIN HIGH)		Color 1.0 lux (F 1.2, GAIN HIGH)
Video S/N ratio	More than 50 dB (AGC off)		
Lens	Built-in vari-focal lens f = 3 to 9 mm, F 1.2 to 2.1		
Electronic focus adjustment	With focus assist		
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	1/25, 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	–		
Auto iris control	DC type		
Gamma	0.45/1, other settings available		
Aperture compensation	On/Off		
Day/Night	True Day/Night with IR cut filter		–
DNR	Yes, 3D		
Title	16 characters		
Motion detection	Yes		
Video analytics	Yes	No	
Face detection	Yes	No	
Privacy mask	On/Off		
Cropping function	Yes	No	

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) 2,288 x 1,712/1,600 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)	Dual stream H.264 and JPEG	
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		

Interface

Monitor output	Composite out (for adjustement only)		
SD card slot	1 (SDHC)*	–	
Network port	10 BASE-T/100 BASE-TX (RJ45 connector)		
Alarm input/output	2/2		
Audio input/output	Mic in/Line out (ø 3.5 mm mini jack)	–	

* only for alarm/back-up (please use SANYO recommended SD card)

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%, 60 Hz/12–15 V DC, PoE (IEEE802.3af)		
Power consumption (approx.)		6.8 W (with heater 20 W)	4.6 W (with heater 18 W)	
Dimensions (approx.)		ø 146 x 94 mm		
Weight (approx.)		800 g	770 g	

(mm)