



VCC-HD4000P: Full HD 4 Megapixel Network Camera H.264/JPEG

- 10x AF zoom lens (f = 6.3–63.0 mm) F 1.8 to 2.5 with built-in IR cut filter
- Minimum illumination of 2.0 lx (F 1.8, color mode) or 0.1 lx (F 1.8, B/W mode)
- 10 x optical & 16 x digital zoom
- Full High Definition video out HDMI (1,920 x 1,080p, 25ips)
- Recording on SDHC card up to 32 GB or external HDD via USB output
- Network video compression: Dual codec of H.264 and JPEG
- Maximum bandwidth at Full HD with H.264 (25ips): 8 Mbps
- Intelligent motion and face detection
- Clipping function for clipping up to 4 areas of the screen
- 24 V AC and 12 to 15 V DC, dual power operation and PoE
- 4 years warranty on camera (1 year on movable parts)

VCC-HD4000P

TECHNICAL DATA			VCC-HD4000P
Image sensor			1/2.5" CMOS sensor
Effective picture elements			2,320 (H) x 1,728 (V), approx. 4.00 million pixel
Recording picture elements			2,288 (H) x 1,712 (V), approx. 3.94 million pixel
Image size	H.264	16 : 9	HD: 1,920 x 1,080p (25ips), HD: 1,280 x 720 (25ips), 960 x 540p (25ips), 640 x 360p (25ips), 320 x 180p (25ips)
		4 : 3	1,080 x 864p, 720 x 576p (25ips), 360 x 288p (25ips)
	JPEG	16 : 9	HD: 1,920 x 1,080 (5ips), HD: 1,280 x 720 (8ips), 1,024 x 576 (12.5ips), 640 x 360 (25ips)
		4 : 3	4 M: 2,288 x 1,712 (2.5ips), 2 M: 1,600 x 1,200 (5ips), 1,280 x 960 (8ips), 1,024 x 768 (8ips), 800 x 600 (12.5ips), 640 x 480 (25ips), 320 x 240 (25ips)
Minimum illumination			color: 2.0 lx (F 1.8, Gain: High, VGA), B/W: 0.1 lx (F 1.8, Gain: High, VGA)
Electronic sensitivity boost			AUTO/OFF, max. 32x
Video S/N ratio			50 dB (AGC OFF)
Backlight compensation			Multi-spot metering/Center-zone metering/OFF, mask settings possible
Day/Night			Auto/Color/Black&White
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
Gamma			0.45/1, other settings available
Iris control			AUTO/MANUAL, selectable electronic shutter in manual mode
Motion detector			ON/OFF, selectable area detection, selectable sensitivity level, selectable face detection Motion Zoom function: selectable magnified ratio and duration time (available in preset positions)
Privacy masking			ON/OFF, max. 5 masks
Presets			8 zoom preset positions
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
Lens			f = 6.3–63.0 mm, F 1.8–2.5
Zoom			10x optical, 16x digital
Auto focus			AUTO/MANUAL/ONE-PUSH, selectable focus area
Synchronizing system			Internal synchronization
Aperture compensation			ON/OFF
Protocols			TCP/IP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP, DDNS
Menu language			English/Spanish/German/French/Japanese
Camera title			16 characters
Picture quality			Selectable
Recording rate			Selectable
Recording mode			Alarm recording Pre/Post setting (selectable recording rate), suspicion recording (selectable recording rate)
SD card slot			1 (SDHC supported) up to 32 GB
USB port			Supported 2.5" HDD
Video output			HD output, HDMI port, SD output composite (BNC terminal, NTSC or PAL)
Network			RJ-45 port (10 BASE-T/100 BASE-TX/1.000 BASE-T)
Alarm input			2 NO/NC setting; this output is also used for day/night control of color, B/W and auto mode
Alarm output			1 selectable NO/NC; open collector
External lens control			Zoom/Focus/Common (voltage control: +/-6 to +/-12 V)
Operation button			SET button and cursor buttons (these are used for MENU and Zoom/Focus)
Image compression			H.264/JPEG
Bandwidth –		H.264	8 Mbps (25ips) at Full HD – simultaneous streaming
T.B.C.		JPEG	8 Mbps (3ips) at 4 MP – simultaneous streaming
Interface			10BASE-T/100BASE-TX/1000BASE-T (PoE compatible)
Simultaneous access			16
Security			BASIC authentication (ID/password), SSL supported
Environmental conditions	Temperature		–10 to 50 °C
	Humidity		within 90% RH
Power requirement			12 to 15 V DC or 24 V AC +/-10%, 50/60 Hz, supplied through PoE (compliant with IEEE 802.3af)
Power consumption			12.3 W
Dimensions (W x H x D)			95 x 67 x 159 mm
Weight			710 g
Bundled material			Backcover, instruction manual, VA-SW3050Lite, H.264 Active X Plug-in, HDC Downloader, DL Viewer
Accessories (sold seperarely)			VA-HDC4000 case for external HDD, VCP-L07W wide conversion lens, VAC-70 camera control unit, network recorder VA-SW3050S for server PC and VA-SW3050C for client PCs



Hard Disk Case
VA-HDC4000



Wide Conversion Lens
VCP-L07W



Rear panel

