

VCC-ZM600P  
VCC-ZMN600P (Network version)



VCC-XZ600P  
VCC-XZN600P (Network version)  
Weatherproof



## 1/4" Color CCD High-resolution Auto Focus 30 x Zoom Cameras

- DayNight auto focus 30 x zoom camera
- Super high resolution of 540 TV lines
- High sensitivity – minimum illumination of 0,00125 lx (F 1.4, 32 x sense up B/W mode)
- Image stabilizer
- Intelligent digital motion detection
- Privacy masking
- Standard box type or weatherproof housing IP66
- VCC-ZMN600P and VCC-XZN600P network versions (JPEG/H.264)
- Comes with VA-SW3050LITE viewing software
- 4 years warranty on camera (1 year movable parts)

## VCC-ZM600P | VCC-ZMN600P | VCC-XZ600P | VCC-XZN600P

TECHNICAL DATA		VCC-ZM600P/VCC-ZMN600P	VCC-XZ600P/VCC-XZN600P
Scanning system		PAL standard 625 lines, 50 fields/sec.	
Image sensor		1/4" (approx. 3.6 mm x 2.7 mm) interline transfer method CCD	
Picture elements		Total: 795 (H) x 596 (V), Effective: 752 (H) x 582 (V)	
Horizontal resolution		540 TV lines (Typical)	
Minimum illumination	50IRE	0.8 lx (at F 1.4, GAIN: HIGH, color mode), 0.04 lx (at F 1.4, GAIN: HIGH, B/W mode)	
(approx.)	20IRE	0.32 lx (at F 1.4, GAIN: HIGH, color mode), 0.016 lx (at F 1.4, GAIN: HIGH, B/W mode)	
Electronic sensitivity boost		AUTO (interlocked with auto iris), up to 32x/OFF	
Video output level		1.0 V (p-p) (75 Ohm, composite)	
Video S/N ratio		More than 50 dB (AGC OFF)	
Backlight compensation		ON/OFF, ON = Multi-spot metering/Centre-zone metering/Multi-spot masking/Auto/Color/BW settings (3-level adjustment)	
Day/Night		Color/BW switching function (color mode) and burst off/on setting function (B/W mode) can be used via alarm input	
White balance		ATW/AWC/Manual/Outdoor/Indoor/Fluorescent/R/B adjustment possible when using MWB	
Gain control		ON (Low/Normal/Middle/High)/OFF (Gain adjustment possible)	
Motion detector		ON (individual setting possible)/OFF, Motion zoom function (individual setting possible)	
Privacy masking		ON/OFF, max. of 4 masked locations (Wide view screen)	
Electronic shutter		High-speed mode: 1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec. Low-speed mode: 1/25, 1/12, 1/6, 1/3, 1/1.5	
Lens		f = 3.5 to 105 mm F 1.4 to 3.7 auto focus	
Synchronizing system		Internal sync./Line lock	
Aperture Horizontal		56 to 2.0°	
Vertical		43 to 1.5°	
Diagonal		68 to 2.5°	
V phase adjustment		LINE PHASE	
Optical zoom		30x	
Electronic zoom		16x	
Communication method		System connection terminals (RS485/Coaxial)*, UTP (NVT built-in)*, support of camera control unit (VAC-70)	
Alarm input		External inputs: 2, NO/NC switch, Day/night switch	
Alarm output		External outputs: 1, NO/NC switch, open corrector	
Mirroring function		OFF/HV/H/V	
Environmental conditions	Temperature	-10 °C to 50 °C	-20 °C to 50 °C (with power source connected)
	Humidity	within 35 to 90% RH	within 90% RH
Power requirement		24 V AC ± 10%, 50 Hz or 12 V to 15 V DC	
Power consumption		4.9 W (ZM600P)/7.3 W (ZMN600P)	4.9 W (XZ600P)/7.3 W (XZN600P)
Dimensions (W x H x D)		56 x 64 x 150 mm	141 x 172 x 400 mm
Weight		540 g (ZM600P) 600 g (ZMN600P)	1.77 kg (XZ600P) 1.82 kg (XZN600P)
Accessories (sold separately)		Network recorder VA-SW3050S for server PC and VA-SW3050C for client PCs, VAC-70 camera control unit	

\* VCC-ZM600P & VCC-XZ600P

Network Specifications		VCC-ZMN600P/VCC-XZN600P
Image compression		H.264/JPEG
Resolution	H.264	720 x 576, 352 x 288, 176 x 144
	JPEG	720 x 576, 720 x 288, 640 x 480, 360 x 288, 176 x 144
Picture quality		5 levels
Frame rate	H.264	Max. 25 IPS (720 x 576)
	JPEG	Max. 25 IPS (720 x 576)
Bandwidth		128, 256, 512 Kbps, 1,2,3,4 Mbps, no limitation
Alarm buffer		Up to 8 MB; configurable
Interface		10BASE-T/100BASE-TX (RJ45 connector)
Protocols		TCP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP, DDNS
Simultaneous access capacity		Image: Maximum 16, Voice: Maximum 16 (admin: 1)
Security		BASIC authentication (ID/password), SSL supported (image only)
System requirements		PC IE: CPU: Pentium® 4, 2.0 GHz or higher, Memory: 512 MB, SW3050: CPU 3.0 GHz, Memory: 1 GB or more, recommended graphics chip: GEFORCE6000 series or higher, OS: Windows® XP
Bundled Software		VA-SW3050Lite, Active X Plug-in

