



PTZ NETWORK DOME CAMERA

VN-V685U

Release : Nov 2008



PoE – Direct Drive



Pendant mount
with optional pole



Wall mount with
optional bracket



Flush mount with
optional bracket



- **MPEG-4 and M-JPEG VGA Full-Frame dual stream**
- **27x Optical zoom and 32x digital zoom**
- **Innovative Direct Drive PTZ mechanism**
 - 400 deg/sec at fastest and 0.04 deg/sec at slowest Pan/Tilt performance
 - Plus/minus 0.03 deg. super accurate Pan/Tilt positioning
 - Very silent Pan/Tilt movement
- **PoE / 24VAC power supply - reduced power consumption**
- **True Day/Night and improved image quality at low light situation**
- **Hot-swap functionality and One-touch-lock for quick installation and maintenance**
- **Fulfilling functions; 100 preset positions, Intelligent auto tracking, Motion detection, Privacy mask, LCD mode, etc.**

NEW PRODUCT NEWS

■ Specifications of VN-V685U/686U lineup

		VN-V685U	VN-V686U
Camera, Lens and Pan/Tilt	Image device	1/4" IT CCD 380,000 pixels Progressive conversion output	
	Minimum. Illumination	Color: 1.0 lx (50% video, AGC SUPER) 0.5 lx (25% video, AGC SUPER) B&W: 0.08 lx (50% video, AGC SUPER) 0.04 lx (25% video, AGC SUPER)	
	White balance	ATW (Narrow / Wide), AWC	
	AES	1/60 to 1/10000 (8 steps)	
	BLC	4 photometry areas selectable	
	AGC	OFF / MID / HIGH / SUPER	
	Sens-up	Off / x2, x4, x8, x16, x32, x64, x128	
	Day/Night	IR Cut filter On / Off	
	Intelligent Auto tracking	On / Off	
	Privacy mask	8 positions in total	
	Image Stabilizer	-	Yes
	Display mode	CUSTOM / CRT / LCD1 / LCD2	
	Zoom ratio	27x optical (32x digital)	36x optical (32x digital)
	Aperture ratio	F:1.6 (f=3.43mm) to F:3.5 (f=92.6mm)	F:1.6 (f=3.43mm) to F:4.5 (f=122mm)
	Panning	360deg. endless type, Approx. 0.04 deg/sec to 400 deg/sec (at preset)	
Tilting	-5 deg to 185 deg, Approx. 0.04 deg/sec to 400 deg/sec (at preset)		
Network	Picture resolution	640 x 480, 320 x 240	
	Picture compression	Motion JPEG, MPEG-4	
	Compression format	JPEG: VFS (variable) / AFS (average) selectable MPEG-4: CBR / VBR selectable	
	Compression level	JPEG: VFS 7steps, AFS 10KB to 100KB MPEG-4: Bit rate adjustable 64 kbps to 8000 kbps	
	Frame rate	Max. 30 fps per each stream of JPEG and MPEG-4 in 640 x 480 resolution simultaneously	
	Data transmission	Unicast / Multicast (IGMP Ver2)	
	Viewer	Web browser (IE6 for XP, IE7 for Vista)	
	Max clients	20 simultaneous users, Unlimited users by multicast	
	Other function	Mail notice function, Web server function, FTP client function, DHCP client function, SNTP client function, Access protection (3 level password), Internal storage (8MB SDRAM), IPv6 support (VN-V685U only)	
	System requirement	PC: Windows XP Pro(SP2)/Home(SP2), Window Vista Business (SP1), Pentium4 (1.5GHz), 1GB memory Display and video card:1024 x 768 True color (24bit or 32bit) VRAM256MB	
General	Preset position	100	
	Alarm	In x 2 / Out x 2	
	Power consumption	24 VAC (50Hz/60Hz), 1.6A or lower 48 VDC (PoE), 12.95W IEEE802.3af class 0	24 VAC (50Hz/60Hz), 1.6A
	Temperature range	-10 to 50 deg./C (operation) 0 to 40 deg./C (recommended)	
	Dimensions (WxHxD)	dia. 160mm x 201 mm (H)	
	Weight	Less than 1.9kg	

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