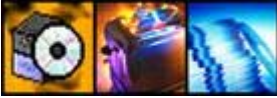







## eCam<sup>®</sup> Network Camera Specifications

Spécifications	eCam 10	eCam 12	eCam 20	eCam 24	eCam 25
• Vidéo channel	1 Internal CCD	1 Internal CCD 1 Internal CCD output 1 External video Input	1 Internal CCD	1 Internal CCD 1 Internal CCD output 3 External video inputs	1 Internal CCD 1 Internal CCD output 3 External video inputs
• Internal CCD camera - Sensor - Sensitivity	- SONY Super HAD CCD sensor - 0.5 Lux (F1.2)				
• Video control	Through the administrator page, including: - White balance (ATW) - Automatic gain control (On) - Manual electronic shutter (1/50 or 1/60 when the AES off) - Auto electronic shutter (AES) on/off, BLC (on/off) - Day/Night feature (Color/B.W. auto switch in case of low luminance)		- White balance (ATW/Push/Indoor/OutDoor) - Automatic gain Control (On/Off) - Manual electronic shutter (Since 1/60 ~ 1/10000) - Auto electronic shutter (AES on/off, BLC on/off, Flickerless mode (on/off)) - Line lock feature (Internal/ External to avoid color rolling)		
• Mount lens	- Standard package: equipped with a CS mount. Focal length 6.0 mm with a F1.8 lens - Support for a direct drive lens: Build-in VR for DC level adjustment - Optional: Focal length 4.0 mm, Auto DC Iris F1.2 ~ 64 lens - Optional: Zoom Vari-Focal length 3.2~10 mm, Auto DC Iris F1.4~360 lens				
• Hardware	- CPU: 32 Bits RISC Processor - ROM: 2MB Flash ROM - RAM: 16MB SDRAM - WatchDog: Chip to monitor out of tolerance system voltage and abnormal program execution - Two LEDs to indicate network and power/system status - One RJ-45 for Ethernet - One RS-232 serial port for an external console				
		- One RS-232/485 port for PTZ (pan/tilt/zoom) camera control	- One RS-485 port for PTZ (pan/tilt/zoom) camera control		
		- Four (4) fully opto-isolated alarm inputs and one 3A,125VAC/30VDC relay output			
• Network interface	- Ethernet (10 Base-T)				
• Image compression	- JPEG: Motion JPEG				
• Video adjustment	- Brightness, Contrast, Hue, Saturation, Quality level adjustments				
• Protocols	- TCP/IP, UDP, ARP, ICMP, HTTP, FTP, Telnet, SMTP, DHCP				
• Max. resolution	- NTSC: 704 x 480 (single), 352 x 240 (quad) - PAL: 704 x 576 (single), 352 x 288 (quad)				
• Performance	- Network throughput: Max. 800Kb/sec. 30 simultaneous connections - Video throughput: Up to 30 fps / Single video				
		- 3 fps / dual video		- 3 fps / quad video	- 12 fps / quad video
• Event trigger & actions	- Programmable Event Script including a script Wizard. - Triggered in function of: Time (Frequency) / GPIO input/ Motion detection/ video/ Network connection/ CGI etc. - Actions: Storing of images to an internal buffer (2MB pre- and post-alarm), Send FTP images to a remote site, E-mail images to a specific account, HTTP server push to a remote site, relay output to control external devices, etc .				
• Installation	- Assignment of an IP address using ARP & Ping or the IP-Installer software				
• Software upgrade	- Local or remote software up-gradable using FTP - Custom web contents are updated using FTP & Telnet				
• System requirements	- Standard browser such as Microsoft IE4.x or above and Netscape Navigator 4.x running on Win95/98/NT, Linux.				
• Security	- Three-layer password protection				
• Operating temperature	- 5 ~ 50 °C				
• Operating humidity	- 20 ~ 80 %				
• Input voltage	- DC 12V, 1A		- AC 13.8V, 1A		
• Power consumption	- 7 Watts				
• Dimension weight	- 168 (L) *77 (W) *54 (H) mm 1.1KG				
• Accessories	- Quick installation guide, Ethernet cable, CS adapter, CS ring adjustment tool, Power adapter stand for desktop/wall/ceiling mount.				



## eVideo<sup>®</sup> Ethernet Video Server Specifications

Spécifications	eVideo 400	eVideo 200	eVideo 100
			
• Vidéo Input	4 Channels	2 Channels	1 Channel
	1.0 Vp-p / 75 Ohms, Composite, BNC, auto detection NTSC/PAL		
• Hardware	CPU: 32 Bits RISC processor ROM: 2MB FlashROM RAM: 16MB SDRAM WatchDog: Chip to monitor out of tolerance system voltage and abnormal program execution Two RS-232 serial ports, one for an external modem and one for a PTZ camera/PC/RS-485 One RJ-45 for 10Mb Ethernet Two LEDs to indicate network and power/system status GPIO with four (4) fully opto-isolated alarm inputs and one relay output		
• Network interface	Ethernet (10 Base-T)		
• Image compression	JPEG: Motion JPEG		
• Vidéo adjustment	Brightness, Contrast, Hue, Saturation and Quality level adjustments		
• Protocoles	TCP/UDP/IP, ARP, ICMP, HTTP, FTP, Telnet, SMTP, D		
• Max. résolution	NTSC: 704 x 480 (single), 352 x 240 (quad) PAL: 704 x 576 (single), 352 x 288 (quad)		
• Performance	Video throughput : Up to 30 fps Network throughput : Max. up to 800 KB/Sec.		
• Event Trigger & actions	Programmable Event Script including a script Wizard. Triggered in function of: Time (Frequency) / GPIO input/ Motion detection Actions : - Storage of images into an internal buffer - Send FTP images to a remote site - E-mail image to a specific account - Relay output to control external devices		
• Installaion	Assignment of an IP address using ARP / RS-232 or the IP Installer software		
• Software upgrade	Local or remote software upgradable using FTP Custom web contents updated via FTP & Telnet		
• System requirements	Standard browser such as Microsoft IE4.x or above and Netscape Navigator 4.x running on Win95/98/NT, Linux, etc.		
• Security	Three-layer password protection		
• Operating temperature	5 ~ 50 °C		
• Operating Humidity	20 ~ 80 %		
• Input voltage	AC 9V, 1A or DC 10 ~ 24 V, 1A		
• Power consumption	< 10 watts		
• Dimension	243 (W) X 44.5 (H) X 153 (L) mm		
• Weight	0.93 kg, excluding power supply		

### Performances

eVideo performances	size	Resolution		File Size (Bytes)			Frames / sec
		NTSC	PAL	Low (24)	Default (16)	High (8)	
Single mode	Large	704*480	704*576	11k	18k	28k	3
	Normal	352*240	352*250	4k	8k	10k	30
	Small	176*112	176*144	2k	3k	4k	30
Quad mode	Normal	4 x 352*240	4 x 352*250	12k	24k	40k	3