

VIDEO SECURITY








IP BOXED CAMERAS

SNC-CM120

Designed for security: the first-ever fixed Sony megapixel network camera delivers excellent sensitivity and 1.3 megapixel resolution with an advanced progressive scan CCD employing ExwavePRO™ technology.



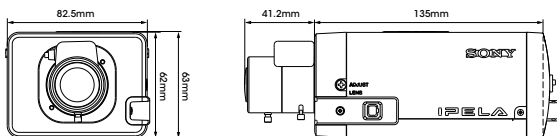
Key Features and Benefits

-  **1/3-type Progressive Scan CCD with ExwavePRO™ technology.** High sensitivity levels and clear, crisp images in both day and night environments
-  **1.3 Megapixel.** High resolution images
-  **Dual encoding.** Maximum flexibility when streaming video data
-  **Light funnel function.** Unique function enables usable images at very low light
-  **Solid PTZ.** Electronic pan, tilt and zoom capability
-  **Day/night function.** Ideal for mechanical mono switching in night mode.
-  **Analogue video output.** Ideal for setting up of image during installation

Standard Features and Benefits

- **High frame rate.** Full frame rate available
- **Cropping function.** Enables flexible viewing for required images
- **DEPA compatible.** Can be used with advanced video analytics and intelligent VMD

Dimensions



Specifications

Camera	
Image device	1/3-type Progressive Scan CCD with ExwavePRO Technology
Number of total pixels	1,320,000
Number of effective pixels (HxV)	1,250,000 (1,296 x 966)
Electronic shutter	1 to 1/10,000s
Auto gain control (AGC)	On/Off (0dB to +36dB)
Exposure control	Auto, Backlight compensation, Gamma settings
White balance modes	Modes ATW, ATW Pro
Lens type	Vari-focal zoom lens
Lens mount	CS Mount
Horizontal viewing angle	100.7 to 47°
Focal length	f=2.8 to 6.0mm
F-number	F1.3 (wide), F1.9 (tele)
Minimum object distance	300mm
Image	
Image size (H x V) MPEG-4	640 x 480, 384 x 288, 320 x 240
Image size (H x V) JPEG	1280 x 960, 960 x 720, 768 x 576, 640 x 480, 384 x 288, 320 x 240
MPEG-4 frame rate	15fps (640 x 480 / Light Funnel OFF), 25fps (640 x 480 / Light Funnel ON)
JPEG frame rate	15fps (1280 x 960 / Light Funnel OFF), 25fps (640 x 480 / Light Funnel ON)
Audio	
Audio compression	G.711 (64kbps)/G.726 (40, 32, 24, 16kbps)
Network	
Protocols	TCP/IP, ARP, ICMP, HTTP, FTP, SMTP, DHCP, DNS, NTP, RTP/RTCP, SNMP
Number of clients	10
Authentication	IEEE802.1X
Interface	
Analogue connectivity	BNC x1, 1.0Vp-p, 75Ω
Ethernet connectivity	10Base-T/100BASE-TX (RJ-45)
I/O port connectivity	Sensor in x 1, Alarm out x 2
Audio connectivity	External microphone input/ Mini-jack x1 (Mic in: monaural, 2.2K 2.5VDC plug-in power, Line in: monaural) Line input
Analogue video output	
Video system	NTSC/PAL
Horizontal resolution	600 TV lines
S/N ratio	More than 50dB (AGC OFF, Weight ON)
Sensitivity colour	0.15lx (50IRE, F1.3, AGC 36dB), 0.1lx (Light Funnel ON, 50IRE, F1.3, AGC ON 36dB)
Sensitivity monochrome	0.01lx (50IRE, F1.3, AGC ON 30dB), 0.01lx (Light Funnel ON, 50IRE, F1.3, AGC ON 36dB)
General	
Zoom ratio	x2.1 optical zoom (x2 digital zoom)
Weight	700g (1lb 9oz)
Dimensions (W x H x D)	82.5 x 63 x 187.5mm including Lens
Power requirements	PoE (IEEE-802.3 af) AC 24V/DC 12V
Power consumption	8.0W
Operating temperature	0 to 50°C (32 to 122°F)
Storage temperature	-20 to 60°C (-4 to 140°F)
System requirements	
Operating system	Windows Vista®, Microsoft Windows XP
System requirements	Intel® Pentium® IV 3GHz or higher, Intel Core 2 Duo 2GHz or higher, Memory 1GB or more
Supplied Accessories	
	CD-ROM (User's Guide, IP Setup Program, Audio Upload Tool, Privacy Masking Tool, Video Player, Custom Homepage Installer, Easy Setup Guide), Installation Manual, Wire Rope

