Ness-Net IP-CCTV

NESS net

Networked Video Solutions

104-326 Ness-Net IP Camera
104-327 Ness-Net IP Camera + Wi-Fi

- ■ 25 fps
- ■ DIP Switches for Instant Image Calibration
- ■ IEEE 802.11b/g Wireless option
- ■ Quick Proprietary USB Configuration

The Ness-Net range of Network Cameras offer a cost-effective, indoor camera solution for remote monitoring and security surveillance over a local area network or the Internet.

Providing the best image quality with excellent performance even in low light conditions. These cameras offer D1 or VGA resolution and provides the best bandwidth efficiency to MPEG-4 and JPEG streams.

104-327 has both wireless IEEE 802.11g and Ethernet network interfaces and the 104-326 model has Ethernet network interface. Moreover, the DIP Switches and Video Out interface offer installers a familiar and handy way to calibrate its video like a regular analog camera.

■ Main Features

High quality video
- ▶ M-JPEG and MPEG-4 dual codec
- ▶ FPS: 25 FPS @ D1 resolution
- ▶ Standard CS mount lens support
- ▶ Superior low-lux imaging performance
- ▶ DIP switches for instant image calibration
- ▶ Configurable bit-rate from 32Kbps to 3Mbps

Flexible functional setting
- ▶ IEEE 802.11b/g Wireless (Optional)
- ▶ 10/100 BaseT Ethernet

Power over Ethernet
- ▶ IEEE 802.3af compliant (Optional)

Robust aluminum housing

Easy & quick network configuration
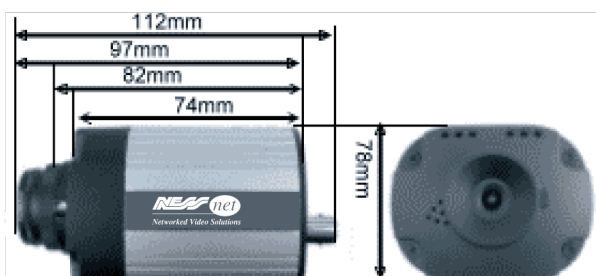- ▶ Proprietary config via USB port

Powerful video management
- ▶ SD card storage for event image/video recording
- ▶ Instant/URL snapshot and local video recording
- ▶ Built-in web viewer
- ▶ Pre/Post buffer for image/video capturing
- ▶ DDNS support
- ▶ Real time clock with battery

Advanced alarm handling
- ▶ Video Loss/ Power Loss/ Network Loss detection
- ▶ Built-in motion alarm with configurable detection areas
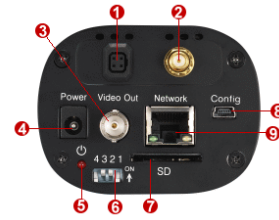- ▶ FTP and Email event handler

■ DIMENSION DIAGRAM

104-326 Ness-Net IP Camera
104-327 Ness-Net IP Camera + Wi-Fi

❶ Auto Iris Control Adaptor(Wireless only)

❷ Antenna Adaptor (Wireless only)

❸ Video Out BNC connector

❹ 12V DC Power

❺ Power LED

❻ DIP Switch

❼ SD Card Socket

❽ USB Config Port

❾ RJ-45 Ethernet Port

SPECIFICATIONS		104-326	104-327
LENS / SENSOR	Lens Mount	CS-mount type, Lens changeable	
	Effective pixels (HxV)	537x597(PAL)	
	Auto Iris	DC Driven	
	Electronic shutter	1/50 ~ 1/120,000 sec.(PAL)	
	Gain	Auto Gain control On/Off switchable	
ANALOG VIDEO OUTPUT	Scanning System	625 lines, 50 fields/sec(PAL)	
	Sync system	Internal	
	Resolution	470 TVL	
	S/N ratio	52 dB(min.) / 60dB(typ.) AGC off	
	Minimum illumination	0.3 lux	
SYSTEM	CPU	ARM 9 based 32 bit RISC	
	SDRAM	64 MB	
	Flash	8 MB	
	Embedded OS	Linux 2.4	
COMPRESSION VIDEO/AUDIO	Format	M-JPEG, MPEG-4 dual codec	
	Frame Rate	Up to 25fps (PAL) @ D1 resolution	
	Video Resolution	PAL: D1 (720x576), CIF (352x288), QCIF (176x144)	
	Bit Rate	32k ~ 3M bps	
	Video Output	1CH NTSC/PAL, BNC connector, 1.0Vp-p with 75 Ω loading	
IP NETWORK	Ethernet	RJ45 - 10/100 Base-T	
	Protocol	TCP/IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP, UDP	
WIRELESS NETWORK	Wireless network type	N/A	Wireless (802.11b/g)
I/O CONNECTORS	Iris Control	4-Pin Mini-Din + VR tuner	
	DIP Switch	4 Switches: 1. AES/ALC; 2. AGC; 3.AWB; 4.MIRROR	
	SD Card Socket	Yes, for Event image/video recording	
	USB port	mini-USB female socket	
MECHANICAL	Power Supply	12VDC 500mA	12VDC 700mA
	Dimensions	76.3(W) X 64(H)X 80(D) mm	
	Weight	270g	290g
MINIMUM PC REQUIREMENTS	CPU	Pentinum 4, 2.4GHz and above	
	Hard Disk	40 GB or greater	
	Memory	512MB or greater	
	Operating System	Windows XP with SP2 or above / Windows 2000 with SP4 or above	
	Video Resolution	SVGA or XGA with 1024x768 resolution	
	Software	DirectX 9.0C or above	
MANAGEMENT & SUPPORT	Configuration	Ness-Net Scan Utility	
	Web Browser	Microsoft Internet Explorer 6.0 or above	
	Security	Password protection	
ENVIRONMENTAL	Operating Temperature	0° ~ 40° C	
	Humidity	20% ~ 80% RH	
ACCESSORIES SUPPLIED		Power Adapter, USB cable, CD-ROM (User Manual), Antenna for 104-327 wireless model	

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