

Progressive Scan with Full-Duplex Audio

# NM-C110



## Convenient and Vigilant Monitoring Anytime, Anywhere

The NM-C110 professional network camera allows for real-time on-screen monitoring via the Internet regardless of distance and location without the need for additional equipment.

What's more, the dedicated software allows multiple users to access the network camera all at once or a single user to monitor a number of network cameras simultaneously.

Various camera settings can also be performed through access to the web via a PC.



\*Lens not supplied

**30**fps

**Full frame rate up to  
30fps at VGA resolution**

The NM-C110 professional network camera supports up to VGA resolution (640 x 480p) for exceptional real-time monitoring locally or remotely via the LAN and Internet.

**MPEG-4**

**Compatible with  
MPEG-4 standard**

The NM-C110 is MPEG-4 compatible, which assures significant compression of monitored data for safe and secure transmission with less bandwidth.

**PCM** audio

**Two-way full-duplex  
PCM audio**

The NM-C110 features bidirectional audio transmission through the in/out module via a microphone and speaker with an amplifier function. The camera also uses PCM 16/8-bit full-duplex codec for two-way communications.

### ■ Excellent image quality



High-resolution VGA images with a maximum of 30fps.

### ■ Video motion detection



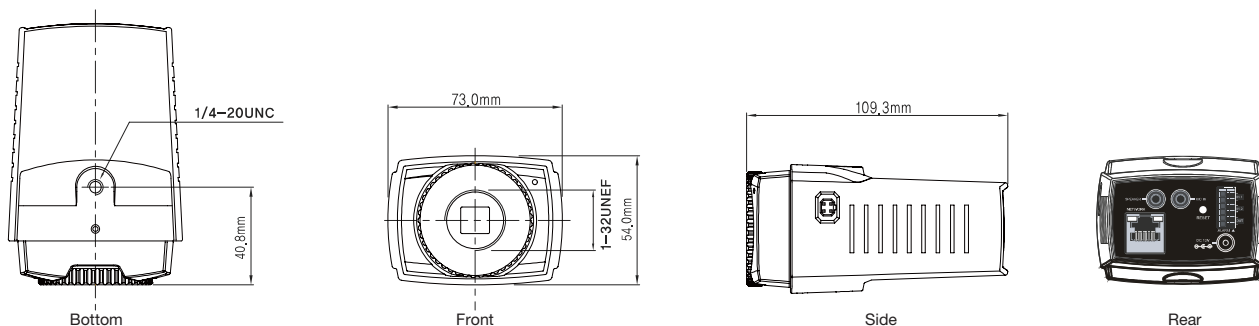
This sensitive feature detects movement in objects.

## NM-C110

### Other features

- Professional video quality using progressive scan colors R,G,B CCD sensor and automatic DC-IRIS lens
- Alarm input (x2) and output

### Dimensions



### Specifications

Item	Description	
VIDEO	Resolution	640 x 480 / 320 x 240 / 160 x 120
	Frame rate	Max. 30fps
	CCD	1/4" progressive scan R,G,B CCD sensor
	Video compression	MPEG-4 SP and ASP
	Compression option	Variable bit rate/constant bit rate
	Lens mount	C mount, CS mount
	Video OUT	RJ-45 (1ea)
AUDIO	Codec	PCM 16/8-bit, full duplex
	Mic IN	External: 3.5mm diameter jack
	Speaker OUT	External: 3.5mm diameter jack
ALARM	Alarm IN	x2
	Alarm OUT	x1 (relay)
	Motion detection	Adjustable with size, position, sensitivity and time
	Alarm message transmission	e-mail, FTP
NETWORK	Protocols	UDP, TCP/IP, DHCP, HTTP, RTP, RTSP, SMTP, DDNS, PPPoE
	Interface	Ethernet 10 Base-T/100 Base-T
	Connector	RJ-45, UTP cable

Item	Description	
NETWORK	Minimum system requirements	Microsoft® Windows® 2000/XP Intel® Pentium® IV 2.0GHz or higher 512MB or more
	VGA	1024 x 768, 32-bit color DirectX 9.0c or higher
	Web browser	Microsoft Internet Explorer version 6.0 or higher
POWER	Power supply	DC 12V, 3.0W
CONTROL	Minimum illumination	1 lux
	Exposure	Automatic DC iris / electronic shutter / AGC
	Shutter speed	1/100,000 — 1/30 sec
	Low shutter	1/30 — 1/15 sec
	White balance	Automatic/manual
TIME	Real-time clock (RTC)	0.01 sec/0.1 sec/1 sec., minutes, hours, day, date, month, year and century
OTHER	Operating temperature	0.7°C to 45°C
	Dimensions (W x H x D)	73.0 x 54.0 x 109.3mm
	Weight	290g
	Package	NM-C110 C-mount Ring manual CD-ROM with IP Setting Utility Quick Installation

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