Panasonic
ideas for life

Viewnetcam.com
Access www.viewnetcam.com for registration information.

R6 READY

* This logo mark is issued by the IPv6 Ready Logo Program Committee, an IPv6 promotion group established mainly by the IPv6 Forum.

Keep an Eye on the House from Anywhere over the Internet!

Do you sometimes worry about things at home while you're at work or on vacation?
Panasonic network cameras let you monitor your room over the Internet from wherever you are. They even let you pan, tilt and zoom the cameras by remote control.
And you can choose the video format to match the Internet connection and your viewing needs.
Let Panasonic network cameras keep an eye on things - anytime, anywhere - so you can relax and enjoy yourself.

Home monitoring

BL-C131

— Monitoring various locations —
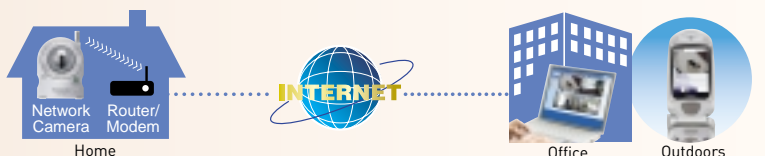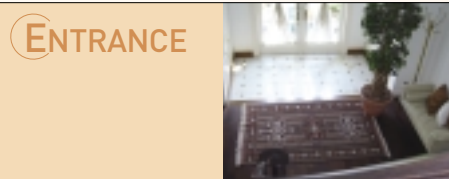
Kid's room

Terrace

Pet activity

See There
When You Can't Be There™

System Diagram
Panasonic network cameras support UPnP and DDNS, so it's easy to set up the network and access cameras over the Internet with an ID and password.
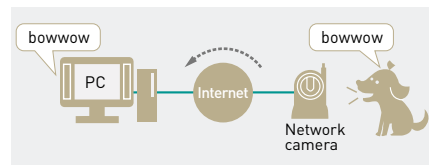
Network Camera   Router/ Modem
Home

INTERNET

Office   Outdoors

Feel Safer with Panasonic

BL-C111   BL-C131

ENTRANCE

Captures suspicious sounds
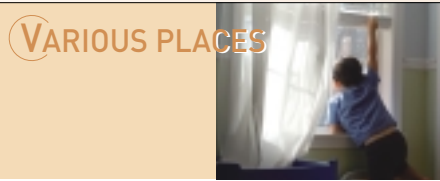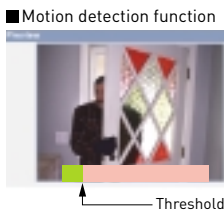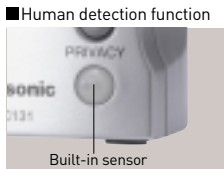### Built-in Microphone

Sounds picked up by the built-in microphone can be heard through the PC. Video monitoring with sound enhances security by providing additional information that images cannot convey.

Microphone

MIC

bowwow   bowwow

PC   Internet   Network camera

Informs you immediately of changes
Alerting Yourself when Changes Occur

The combination of a built-in human detection sensor that responds to heat and a motion detection function that responds to a preset camera threshold or sensitivity detects even slight motions. Captured images can also be stored temporarily in the camera*1 or sent to you by e-mail*2 or FTP data transfer*3.

*1 A maximum of approximately 250 images (320 x 240 pixels) can be stored in the camera.
*2 PDP before SMTP authentication and SMTP authentication (PLAIN LOGIN and CRAM-MD5) are supported.
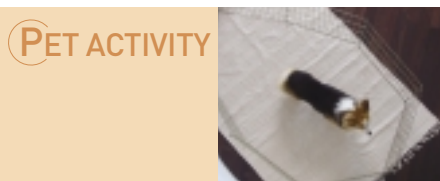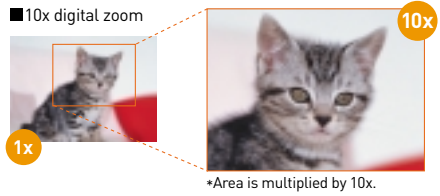*3 The sensor's detection history can also be e-mailed to you once a day at a preset time.

■ Human detection function

Built-in sensor

■ Motion detection function

Threshold

VARIOUS PLACES

Monitors large rooms entirely
Remote Pan/Tilt and Zoom Control

The camera angle can be varied by remote control to monitor over wide areas. You can use the zoom function* to take a closer look at certain places.
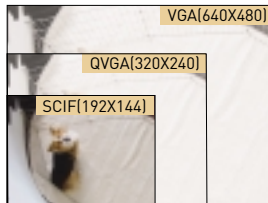
* This is a digital zoom function and cannot be used from a cell phone.

■ Pan and tilt control

Pan (display range: 149˚max)
Tilt (display range: 87˚max)

■ 10x digital zoom

1x   10x

*Area is multiplied by 10x.

PET ACTIVITY

Enjoy comfortable, versatile monitoring.
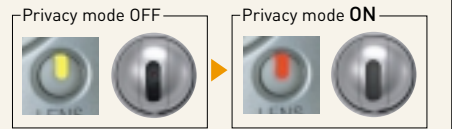### Simultaneous MPEG-4 and JPEG

Cameras simultaneously send MPEG-4 images in three resolutions (VGA, QVGA, and SCIF), and JPEG images in the same three resolutions in favour motion, standard, and favour clarity image-quality types. MPEG-4 is recommended for viewing smooth motion images, and JPEG is recommended for recording higher quality images.

VGA(640X480)
QVGA(320X240)
SCIF(192X144)

*Size comparisons are simulated.
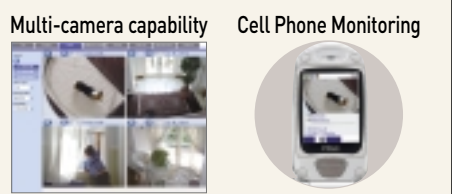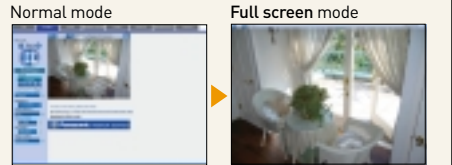
Other Features

Privacy Mode

When you return home, just press a button to cover the lens and protect your privacy. System administrators can also do this over the network.
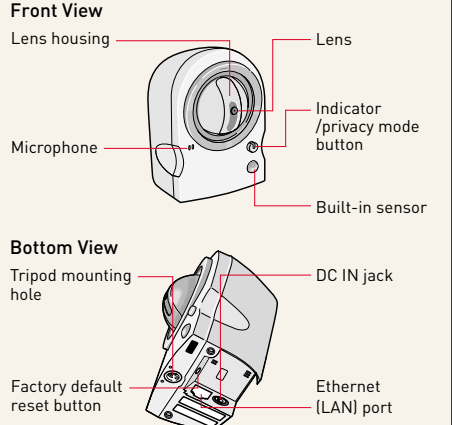
Privacy mode OFF   Privacy mode ON

Full Screen Display

The monitoring image is easier to see because it fills the entire screen.

Normal mode   Full screen mode

Multi-camera capability   Cell Phone Monitoring

*Up to 16 windows can be viewed at once

Part Names

Front View

Lens housing   Lens
Indicator /privacy mode button
Microphone   Built-in sensor

Bottom View

Tripod mounting hole   DC IN jack
Factory default reset button   Ethernet (LAN) port

Specifications [BL-C131/BL-C111]

Server		Camera		Wireless(BL-C131 only)	
Image Compression	JPEG (3 levels), MPEG4	Zoom	10x digital zoom (by area)	Standards	802.11 b/g
Video Resolution	640 x 480, 320 x 240 (default), 192 x 144	Viewing Angle	Horizontal: 49° (total 149°), vertical: 37° (total 87°)	Antenna	Diversity
Image Quality	JPEG (favor clarity, standard, favor motion), MPEG-4	Pan Angle	-50° up to +50°	Number of Channels	11ch. (USA), 13ch. (Others)
Frame Rate*1	Max. 30 frames/sec (640 x 480*2, 320 x 240 or 192 x 144)	Tilt Angle	-40° up to +10°	Transmission Speed	Up to 54 Mbps.
Security	User ID/password	Revolving Speed	Pan: max. 50°/sec	Security	SSID, WEP (64/128/152 bit), WPA-PSK (TKIP), WPA2-PSK (AES)
Supported Protocols	IPv4 / IPv6 Dual-Stack		Tilt: max. 50°/sec	Terminal	
	IPv4: TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, UPnP™, SMTP Authentication, RTP, RTSP, RTCP	Sensor Type	1/6-inch CMOS sensor, approx. 320,000 pixels	Network Interface	Ethernet (10 Base-T/ 100 Base-TX)
	IPv6: TCP, UDP, IP, HTTP, FTP, SMTP, DNS, ICMPv6, POP3, NDP, NTP, RTP, RTSP, RTCP	Lens Focal Point	Fixed (focal range: 0.3 m to infinity)	General	
User Access Limit	Max. 30 simultaneous accesses	Lens Brihtness	F2.8	Temperature	Operation: +5°C to +40°C (+41°F to +104°F)
Buffered Image*3	Approx. 250 images (320 x 240)	White Balance	Auto/manual/hold		Storage: 0°C to +50°C (+32°F to +122°F)
	•standard image quality •with time display	Exposure	Auto	Humidity	Operation: 20 % to 80 % (No Condensation)
		Required Light Intensity	10 to 10,000 lux (in colour night view mode: 3 to 10,000 lux)		Storage: 20 % to 90 % (No Condensation)
Image Transfer Method	SMTP*4, FTP, HTTP	Audio		Dimension (H x W x D)	BL-C111: 98 x 74 x 61 mm (3 7/8 x 2 15/16 x 2 3/8 inches)
Image Buffer/Transfer Triggers	Alarm, timer or motion detection	Audio Communication	Half-duplex one-way communication (transceiver system)		BL-C131: 98 x 74 x 73 mm (3 7/8 x 2 15/16 x 2 7/8 inches)
		Audio Play Method	Play with ActiveX	Weight (Only the Unit)	BL-C111: 180 g (0.4 lb)
		Audio Compression	ADPCM 32 kbps		BL-C131: 210 g (0.46 lb)
		Audio Bandwidth	300 Hz-3.4 kHz	Power Supply	Input 100 - 240 V AC, Output 9 V DC
		Audio Input	Built-in microphone	Consumption	BL-C111: 4.0 W, BL-C131: 6.0 W

*1 The frame rate may decrease depending on the network environment, PC performance, and image quality.
*2 For MPEG-4 only. Not applicable to JPEG.
*3 The maximum number of frames changes depending on the resolution and image quality.
*4 PDP before SMTP authentication and SMTP authentication (PLAIN LOGIN and CRAM-MD5) are supported.

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http://panasonic.co.jp/pcc/products/en/netwkcam/

01106SP-C111/C131-LT
All pictures simulated.
Design and specifications are subject to change without notice.
This unit is designed for use in the United States of America.
Sales or use of this product in other countries may violate local laws.