



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

Save Your Worries with Remote Monitoring by Panasonic Home Network Camera

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 notify you by e-mail when they detect moving objects. 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.



Entrance



Kid's room



Pet activity

Monitoring various locations

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.



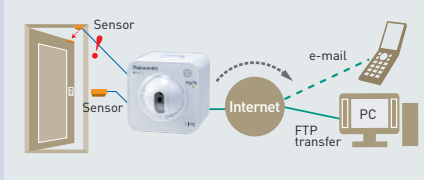
Feel Safer with Panasonic



Connection

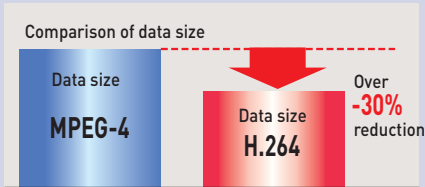
External Input

Sensors and switches can be connected to the camera through two external input ports.



Data transmission / H.264 adopted

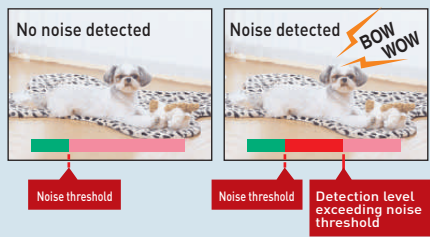
The adoption of H.264/ACV has enabled reduction of data volume by more than 30% compared to MPEG-4 when transmitting data of the same image quality.



Capture

Alerting Yourself when Changes Occur

The camera's built-in microphone collects peripheral noise and when camera detects the noise exceeding the threshold it stores the image captured. This is a newly added function.



Capture

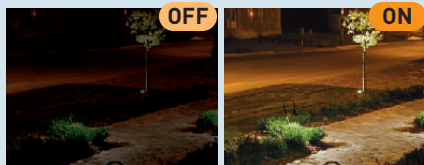
Turning privacy mode on

With privacy mode you can shut the camera lens and protect yourself from unwanted exposure. Operation is simple - you only need to push the privacy button.



Colour Night View Mode*1

When the subject darkens, the camera automatically adjusts the brightness to show you the image. You can see clear, easy-to-view images even in the dark.

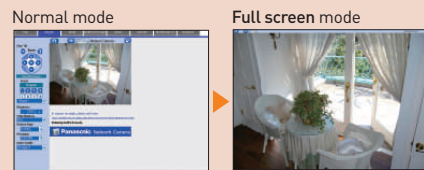


*1 The image tends to blur more than that in standard mode when viewing a moving subject in low light. When viewing a dark subject in Colour night view mode, spots of white or Coloured light may appear in the image. Some subjects may require additional time for focusing with the auto focus function.

View

Full Screen Display

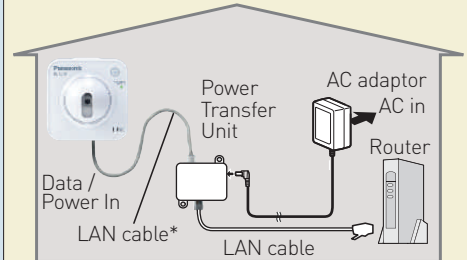
The monitoring image is easier to see because it fills the entire screen.



Others

Power supply via LAN cable

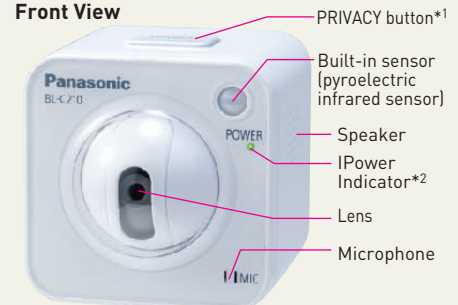
The included Power Transfer Unit supplies the camera the power through the LAN cable. It allows you to install the camera anywhere, like on the ceiling where no power outlet is.



*Use a LAN cable that is no more than 30 m (98 feet 5 inches) long to connect the camera and the power transfer unit.
*Use a LAN cable that is no more than 100 m (328 feet 1 inches) long to connect the camera and the router.

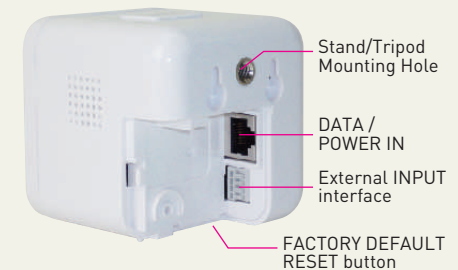
Part Names

BL-C210 Front View



*Use a LAN cable that is no more than 30 m (98 feet 5 inches) long to connect the camera and the power transfer unit.
*1 Privacy mode allows you to protect your privacy by hiding the lens inside the camera.
*2 See 1.1 Understanding the Camera Indicator in the Troubleshooting Guide on the CD-ROM for indicator meaning.

Rear View



Specifications [BL-C210]

Network camera	Server
Viewing Angle: 58° horizontal/45° Vertical	Image compression*1: H.264, MPEG-4, Motion JPEG for moving image display
Pan/Tilt Angle: Pan: -41° to +41°, Tilt: -32° to +10°	Video resolution: H.264: 640 x 480, 320 x 240 MPEG-4: 640 x 480, 320 x 240, 192 x 144 JPEG: 640 x 480, 320 x 240, 192 x 144
Sensor Type: 1/4 inch CMOS Progressive Scan, approx. 320,000 pixel	Frame rate*2: Max. 30 frames/sec. (640 x 480, 320 x 240, 192 x 144)
Lens focal point: Fixed (focal range: 0.3 m to ∞)	Security: User ID / Password/SSL
Aperture (F No.): F2.8	Supported protocols: IPv4 / IPv6 Dual-Stack IPv4: TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, UPnP, Auto IP, SMTP Authentication, RTP, RTSP, RTCP IPv6: TCP, UDP, IP, HTTP, FTP, SMTP, DNS, ICMPv6, POP3, NDP, NTP, RTP, RTSP, RTCP
Illuminance: 5-10,000 lx (3-10,000 lx when in Colour Night View mode)	User access limit: 2/H.264, 4/MPEG-4, 10/Motion JPEG
Terminal	Buffered images: Approx. 1160 images (320 x 240) -Standard image quality -with time display
Network interface: Ethernet (10Base-T/100Base-TX)	Image transfer method: SMTP*3, FTP, HTTP
External interface: Input (2)	Image buffer/transfer triggers: Timer, Sensor, Alarm 1, Alarm 2, Motion Detection, Sound Detection
General	
Operating Temperature: 0°C to +40°C (+32°F to +104°F)	
Operating humidity: 20% to 80%	
Dimensions(H x W x D): 74mm x 74mm x 91mm (2 15/16 inches x 2 15/16 inches x 3 9/16 inches)	
Weight (only the unit): 230 g (1.09lb.)	
Power Supply: AC adaptor : input 100 - 240 V AC, Output 9V DC 750mA	
Consumption: AC adaptor: 5.4W	

*1 H.264 and MPEG-4 cannot browse at the same time.
*2 The frame rate may slow down depending on the network environment, PC performance, image quality, memory recording, when Colour night view mode is activated, etc.
*3 The camera supports POP Before SMTP Authentication and SMTP Authentication. PLAIN, LOGIN, and CRAM-MD5 SMTP Authentication are supported. SSL supports SMTP over SSL. STARTTLS is not supported.