

## Specification Data

### Panasonic Network Cameras

- Product Type             Home Use / Fixed / Wireless / Indoor application  
Model No.                 BL-C20

### Description

The network cameras are connected to IP networks such as the Internet and allow for remote monitoring anywhere, any time. With remote control and a variety of other functions, they offer convenient monitoring. As outline above, the network camera shall be designed for realizing Zero Distance Management (ZDM).

- Capture crisp, clear images with the lens and CMOS image sensor.
- Store images temporarily in the camera's internal memory or use recording software on a PC, digital video and network video recorder.
- The network camera uses a built-in web server to send images over the Internet or other network.
- View images on a PC or cell phone.
- View multiple images with multi-camera capability, or use a wireless camera monitoring system (BL-WV10A) to view them right on a TV.
- Control a variety of camera operations from the browser of a PC or Cell phone.
- Wireless LAN allow for installing the network camera anywhere with no LAN cables.

### Server

- The network camera with a built-in Web server requiring no additional software to operate on a PC or Cell Phone.
- Viewable on a Cell Phone that displays JPEG images using HTML or XHTML.
- Capable of providing JPEG images in three resolutions (VGA, QVGA, and 160 x 120) in favor motion, standard, and favor clarity Image-quality types simultaneously.  
VGA : 640 x 480, QVGA : 320 x 240.
- Max. 15 frames per second in QVGA and 160 x 120 resolutions. Max. 7.5 frames per second in VGA resolutions.
- Max. 20 simultaneous guest users with various levels of customized access.
- Capable of capturing and storing images into the camera's internal memory on timer or motion detection.
- Allows for Email notification upon motion detection or alarm input of a triggered event.
- Image transfers via FTP or SMTP in accordance with trigger settings.
- Supports IPv4 only.  
ITCP, UDP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, UPnP

### Camera

- 10x digital zoom.
- Pan (horizontal Direction) : Not available.
- Tilt  vertical direction : Not available.
- Display range : Horizontal : 53° and Vertical : 41°.
- 1/4" CMOS image sensor with approximately 320,000 pixels.
- Lens focal point : Fixed.
- Lens focal range : 0.3m – ∞.
- Lens brightness : F2.8
- Required light intensity : min.10 lux / Color night view mode of 4 lux.
- Images are out put to PC with progressive scanning.

### Audio

- Not supported.

### Wireless

- IEEE 802.11b/g supported.
- Antenna : Diversity.
- Number of channel : 11 ch. : BL-C20A.  
13 ch. : BL-C20CE/E.
- Transmission speed : Up to 54 Mbps.
- Security : WEP (64/128/154 bits), SSID

### Terminals

- Network interface : 10Base-T or 100Base-TX with automatic negotiation mode.

### General

- Operating Temperature : +5°C to +40°C [+41°F to +104°F]
- Operating Humidity : 20 % to 80 % (No Condensation)
- Dimensions [H x W x D] : 85 x 85 x 35.5 mm [3 3/8 x 3 3/8 x 1 3/8 inches]
- Weight (only the unit) : 165 g [0.36 lb.].
- Power Supply : AC adaptor : input 100 - 240V AC, output 9V DC.

- Power Consumption : 4.6 W.

### Additional Features

- UPnP supported for easy network setting when combined with UPnP-compatible router.
- DDNS service supported for accessing web camera over the internet.  
Viewnetcom ,a free DDNS Service offered by Panasonic or other third-party DDNS Services available.
- Multi-camera capability allow for monitoring max.12 cameras simultaneously at one camera site.

