Panasonic
ideas for life

BL-C30   BL-WV10

BL-MS102

*The BL-MS102 is a set containing two BL-C30 models and one BL-WV10.

Stores	Warehouses	Entrances	Factories
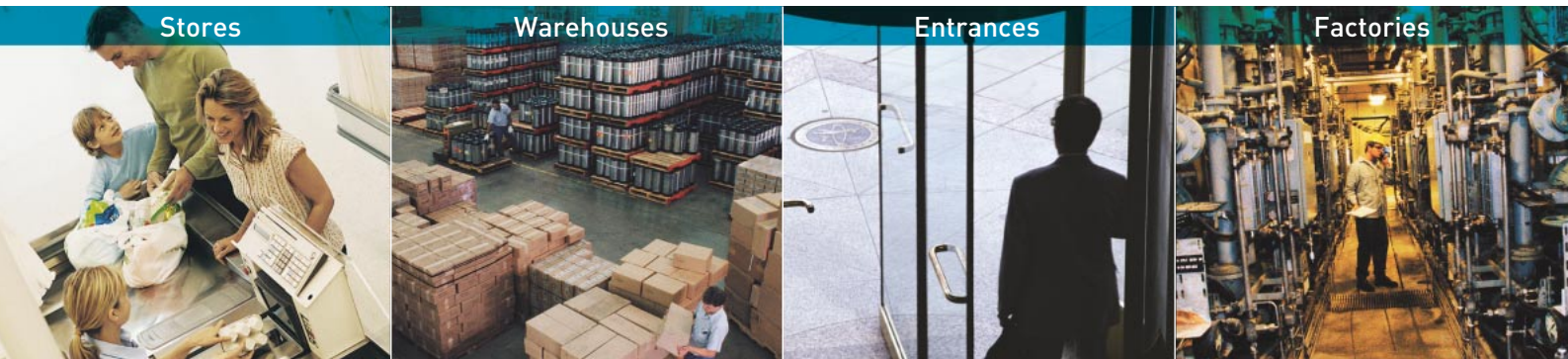
Monitoring Is Good for Business

Even if your warehouse, factory or shop is close to the office, it takes time to walk over and check it. Why not change your office TV into a surveillance monitor with the BL-WV10. Then you can keep an eye on things without having to leave your desk. By adding Internet access to the system, you can even stay informed while you're away or on the road. It's a great way to raise both customer satisfaction and business efficiency.

BL-C30*
*The transmission range when using a wireless LAN varies depending on the surroundings.

Internet

Wireless
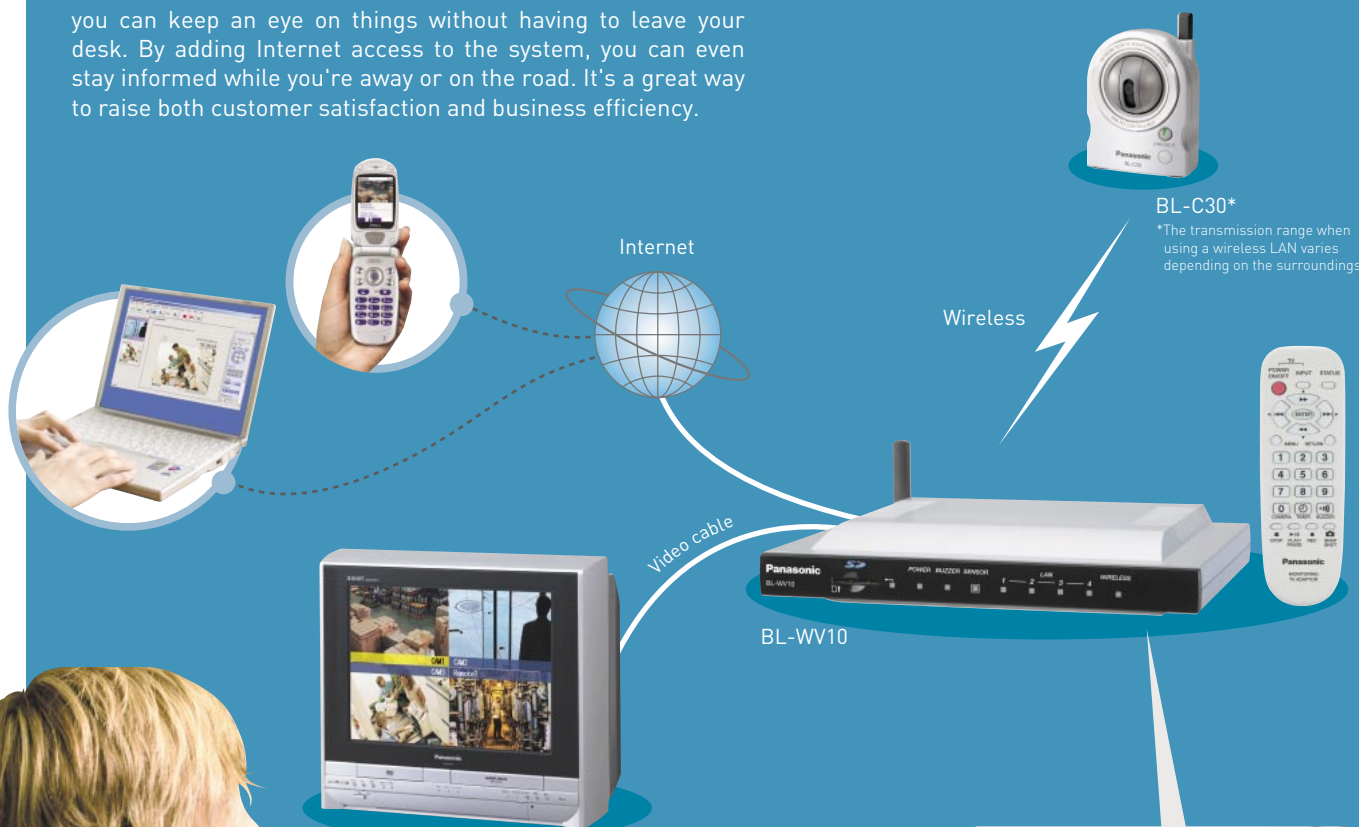
Video cable

BL-WV10

Easy Setting-Up

Simply connect a video cable between the BL-WV10 and your TV. Then make the settings by remote control with the onscreen menu, and start monitoring immediately.

● With the BL-MS102, the camera (BL-C30) and BL-WV10 settings are already made, so set-up is even easier.

Panasonic Improves Safety and Efficiency

Stores

Check large areas in fine detail.

Remote Pan/Tilt and Zoom Control on TV

Use the remote control to change the camera's direction, vertically or horizontally, while watching the image on TV. For a detailed check, you can enlarge the view with the 16x zoom. With the BB-HCM381 or BB-HCE481, you can use the camera's 21x optical zoom for an even closer look.

BL-C10/C30

1x

16x

Pan (display range: 143˚ max)
Tilt (display range: 82˚ max)
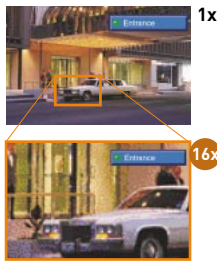
Factories

Extended-time recording even at night.

SD Memory Card Recording*

You can record moving or still images onto an SD Memory Card even at night when nobody is operating the system. You can also combine this function with the Automatic Alert Setting, to record only when there is movement. If you need a longer recording capability, just connect the system to a DVD or video tape recorder.

*Recording onto an SD Memory Card is not possible in Sequential Display mode.

SD Memory Card Recording Capacity

Movie Recording Time

SD Capacity		32MB	64MB	128MB	256MB	512MB	1GB	2GB
Timer/Sensor Recording	LONG*	5hr. 10min.	10hr. 40min.	21hr. 40min.	43hr. 20min.	87hr. 10min.	167hr. 50min.	341hr. 20min.
Standard Recording	C Series	2min.	4min.	8min.	16min.	33min.	65min.	2hr. 16min.

Picture Storage

SD Capacity		32MB	64MB	128MB	256MB	512MB	1GB	2GB
No. of Pictures	LOW	940	1930	3900	7780	15680	30170	61340
	HIGH	630	1290	2600	5190	10460	20120	40920

*Resolution : 320 x 240, Image quality : favor motion, Image refresh interval : 5 sec.

Other features

Network Connection and Cell Phone Monitoring

You can monitor over the Internet or an intranet. An Internet connection also lets you monitor right from your cell phone*. When the sensor detects something, it sends the image to you attached to an e-mail message.

*Internet-compatible models only. Images are JPEG only.

Remote Control & Multi-Camera Capacity

Make all major settings for recording, multi-camera viewing, and more easily with the remote control.

Entrances

Check visitors with ease.

Automatic Alert Settings

You're alerted immediately when someone passes through the entranceway. Even if the TV is turned off, a buzzer on the adaptor ensures that no visitors go unchecked.

- Three detection methods available: Human Detection sensor*1 (detects heat), Motion Detection function*2 (detects light), and external sensor*3.

*1-1 Applicable models:BL-C10/C30
*1-2 The detection range of the sensor becomes shorter as the environmental temperature within the range of the sensor becomes higher.
*2 Applicable models:BB-HCM311/HCM331/HCM371/HCM381/HCE481, BL-C1/C20/C30
*3 Applicable models:BB-HCM311/HCM331/HCM371/HCM381/HCE481

Motion Detection Function/ Setting Browser

Human Detection Sensor

Warehouses

Monitor things periodically.

Sequential Display* with Time Stamp

When multiple cameras are used, this function automatically switches from one to another. In addition to providing thorough monitoring, it also lets you display the time. To record, simply connect the system to a DVD or video tape recorder.
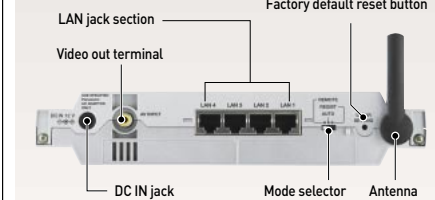
*Set the switch on the back of the BL-WV10 to Sequential Display mode to use.
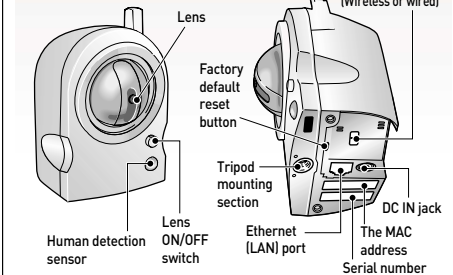
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Monitoring Image

■ Part Names [Rear View]

BL-WV10

- LAN jack section
- Factory default reset button
- Video out terminal
- DC IN jack
- Mode selector
- Antenna

BL-C30

- Switch (Wireless or wired)
- Lens
- Factory default reset button
- Human detection sensor
- Lens ON/OFF switch
- Tripod mounting section
- Ethernet (LAN) port
- DC IN jack
- The MAC address
- Serial number

Specifications

Wireless camera monitoring system	BL-WV10
Interface	Wireless: 802.11b/g
	LAN side: Ethernet (10 Base-T/100 Base-TX) x 4 ports
	Video output terminal (composite PAL) x 1
	SD Memory Card slot x 1
Supported protocols	IPv4: TCP, UDP, HTTP, FTP, DHCP
Video resolution	640 x 480, 320 x 240
Image quality	3 modes (favor clarity, standard, favor motion)
Image data compression system	JPEG (Motion JPEG for moving image display)
Frame rate	Max. 30 frames/sec (320 x 240)
Security	User ID/Password
Operating temperature	0˚C to +40˚C
Operating humidity	20 % to 85 % (No condensation)
Dimensions (H x W x D)	42 x 220 x 171 mm (excluding antenna and protrusions)
Weight (Main unit only)	500 g
Power supply	AC adaptor: Input 100-240 V AC, Output 12 V DC
Consumption	7.5 W

Network camera — BL-C30 (Wireless type)

Server		
Image data compression system	JPEG (Motion JPEG for moving image display)	
Video resolution	640 x 480, 320 x 240, 160 x 120	
Image quality	3 modes (favor clarity, standard, favor motion)	
Frame rate*1	Max. 7.5 frames/sec. (640 x 480)	
	Max. 15 frames/sec. (320 x 240)	
	Max. 15 frames/sec. (160 x 120)	
Security	User ID/Password	
Buffered images*2	Approx. 250 images: (320 x 240), standard image quality	

Network camera		
Viewing angle	43˚ horizontal (total 143˚)	
	32˚ vertical (total 82˚)	
Revolving speed	Pan: Max. 50˚/sec Tilt: Max. 50˚/sec	
Number of pixels	Approx. 320,000 pixels	
Lens focal point	Fixed (focal range: 0.5m to ∞m)	
Lens brightness	F2.8	
Required light intensity	1 to 10,000 lux	
Network interface	Ethernet (10 Base-T/100 Base-TX)	

Wireless		
Standards	802.11 b/g	
Antenna	Diversity	
Number of channel	13 ch.	
Transmission speed	up to 54 Mbps.	
Security	WEP 64/128/152 bit	

General		
Operating temperature	+5˚C to +40˚C	
Operating humidity	20 % to 80 % (No condensation)	
Dimensions (H x W x D)	98 x 74 x 73 mm (Only the unit)	
Weight	200 g (Only the unit)	
Power supply	AC adaptor: Input 100-240 V AC, Output 12 V DC	
Consumption	6.4 W	

*1 This varies depending on the subject, image quality, network environment, PC performance, etc.
*2 The number of images that can be stored varies depending on the subject.

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