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.

Internet

BL-C30

Wireless
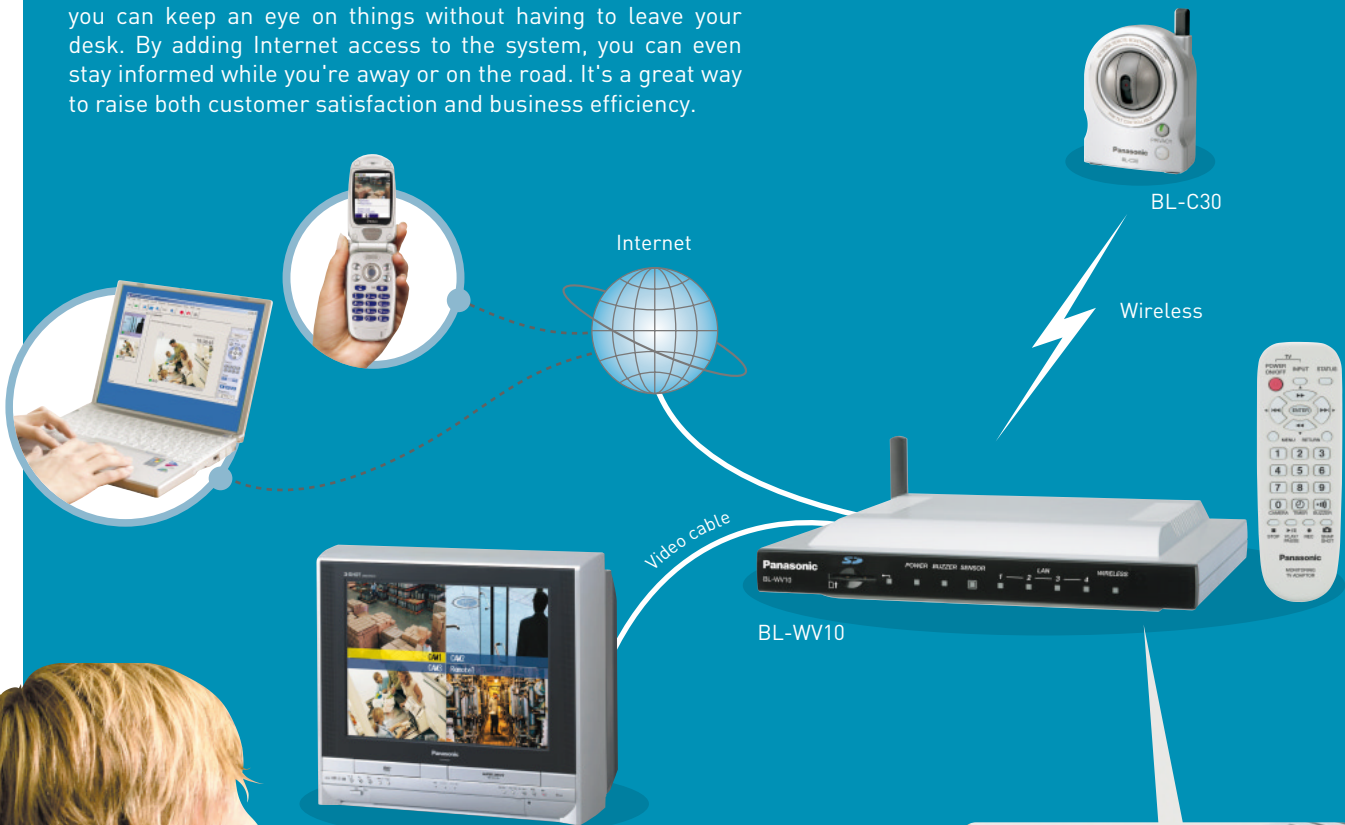
Video cable

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

Pan (display range: 143°max)
Tilt (display range: 82°max)

1x

16x

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		8MB	16MB	32MB	64MB	128MB	256MB	512MB	1GB	2GB
Timer/Sensor Recording	LONG*	1hr.	2hr. 30min.	5hr. 10min.	10hr. 40min.	21hr. 40min.	43hr. 20min.	87hr. 10min.	167hr. 50min.	341hr. 20min.
Standard Recording	C Series	26sec.	58sec.	2min.	4min.	8min.	16min.	33min.	65min.	2hr. 16min.

Picture Storage

SD Capacity		8MB	16MB	32MB	64MB	128MB	256MB	512MB	1GB	2GB
No. of Pictures	LOW	270	450	940	1930	3900	7780	15680	30170	61340
	HIGH	160	300	630	1290	2600	5190	10460	20120	40920

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

Other features
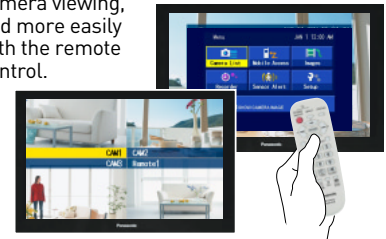
Network Connection and Cell Phone Monitoring

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.

■ Part Names [Rear View]

BL-WV10

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

BL-C30

Lens
Tripod mount
Lens ON/OFF switch
Human detection sensor
Ethernet (LAN) port
DC IN jack

Entrances

Check visitors with ease.

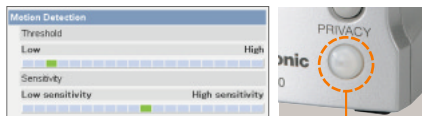### Automatic Alert Settings

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 Applicable models: BL-C10/C30
*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.

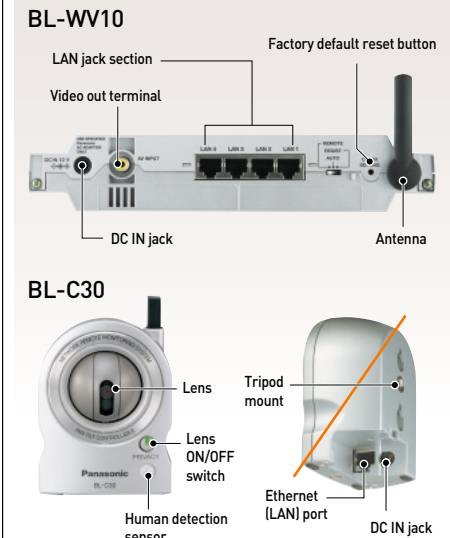### Sequential Display* with Time Stamp

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

Specifications

Network camera			BL-C30 Wireless type			Wireless camera monitoring system	BL-WV10
Server	Image data compression system	JPEG (Motion JPEG for moving image display)		Wireless	Standards	802.11 b/g	Interface	• LAN side: Ethernet (10 Base-T/100 Base-TX) x 4 ports • Video output terminal (composite NTSC) x 1 • SD Memory Card slot x 1
	Video resolution	640 x 480, 320 x 240, 160 x 120			Antenna	Diversity		
	Image quality	3 modes (favor clarity, standard, favor motion)			Number of channel	11 ch.		
	Frame rate*1	Max. 7.5 frames/sec. (640 x 480)			Transmission speed	up to 54 Mbps.	Supported protocols	• IPv4: TCP, UDP, HTTP, FTP, DHCP
		Max. 15 frames/sec. (320 x 240)			Security	WEP 64/128/152 bit	Video resolution	• 640 x 480, 320 x 240
		Max. 15 frames/sec. (160 x 120)		General	Operating temperature	41°F to 104°F (+5°C to +40°C)	Image quality	• 3 modes (Favor clarity, standard, favor motion)
	Security	User ID/Password			Operating humidity	20 % to 80 % (No condensation)	Image data compression system	• JPEG (Motion JPEG for moving image display)
	Buffered images*2	Approx. 250 images: (320 x 240), standard image quality			Dimensions (H x W x D)	98 x 74 x 73 mm (Only the unit)		
					Weight	200 g (Only the unit)	Frame rate	• Max. 30 frames/sec (320 x 240)
Network camera	Viewing angle	43° horizontal (total 143°) 32° vertical (total 82°)			Power supply	AC adaptor: Input 120 V AC, Output 12 V DC	Security	• User ID/password
	Revolving speed	Pan: Max. 50°/sec Tilt: Max. 50°/sec			Consumption	6.4 W	Dimensions (H x W x D)	• 42 x 220 x 171 mm (excluding antenna and protrusions)
	Number of pixels	Approx. 320,000 pixels					Weight (Main unit only)	• 500 g
	Lens focal point	Fixed (focal range: 0.5m to ∞m)					Power supply	• AC adaptor: Input 110 V AC, Output 12 V DC
	Lens brightness	F2.8					Consumption	• 7.5 W
	Required light intensity	1 to 10,000 lux						
	Network interface	Ethernet (10 Base-T/100 Base-TX)						

*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.

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.

| On the balcony | In the children's room | For monitoring pets | In the living room |

Easy to Set-Up, Easy to Use

BL-C30

Wireless

BL-WV10

Video cable

Have you ever had this experience? As you relax in the living room, you wonder if things are alright with your children or a pet in another room, or if everything is as it should be on a balcony where you have left a window or door open. With Panasonic's BL-WV10, you can stop wondering -- because you can easily monitor the whole house right on your TV screen. All you have to do is connect the BL-WV10 to your TV with a video cable, and make the settings* on the TV's onscreen menu. You don't need any extra equipment, and it's easy enough for anyone to use. With this system, everyday life becomes a little easier to enjoy.

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

Camera 1
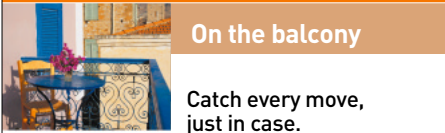Camera 3
Camera 2
Camera 4

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.

BL-C30   Wireless   BL-WV10   Modem   Internet
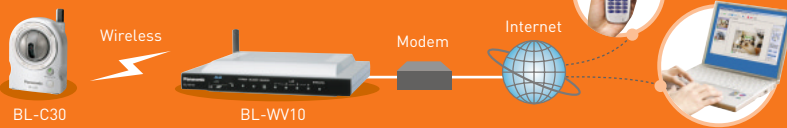
On the balcony

Catch every move, just in case.

Automatic Alert Settings

Watch over isolated places like your balcony or parking space. The network camera alerts you immediately when any kind of movement is detected.

- Three detection methods available: human detection sensor[*1] (detects heat), motion detection function[*2] (detects light), and external sensor[*3].

[*1] Applicable models:BL-C10/C30
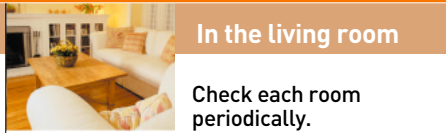[*2] Applicable models:BB-HCM311/HCM331/HCM371/HCM381/HCE481, BL-C1/C20/C30
[*3] Applicable models: BB-HCM311/HCM331/HCM371/HCM381/HCE481
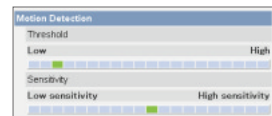
Motion Detection Function/ Setting Browser

Human Detection Sensor

In the living room

Check each room periodically.

Sequential Display* with Time Stamp

When you have cameras in several places, like the living room, the balcony, and your children's room, you can use this function to automatically switch the cameras for a periodic view of all places. You can also display the time onscreen, and you can record the images by connecting 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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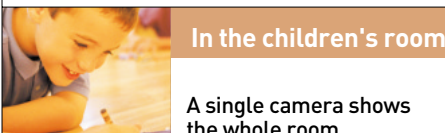
Monitoring Image

Other features

Remote Control Function

You can use the special remote control to make all major settings for recording, multi-camera viewing, and more while viewing the onscreen menu.

Multi-Camera Capability

Up to four cameras can be monitored simultaneously. Still images from up to 12 cameras can be displayed.

In the children's room

**A single camera shows the whole room.**

Remote Pan/Tilt and Zoom Control on TV

Use the remote control and TV screen to check on your children while you do your housework. You can freely change the camera's direction or zoom ratio* with the remote, so you can keep an eye on the children even as they move around the room.

* With the BB-HCM381 or BB-HCE481, you can use the camera's 21x optical zoom for an even closer look. With other models, the zoom is 16x.

BL-C10/C30

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

1x
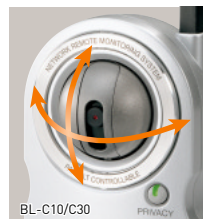
16x
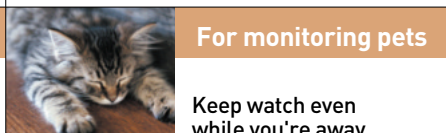
For monitoring pets

Keep watch even while you're away.

SD Memory Card Recording

You can record your pet's activities while you are away from home. 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.
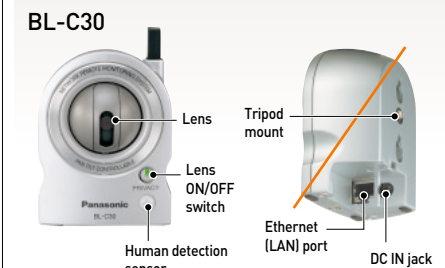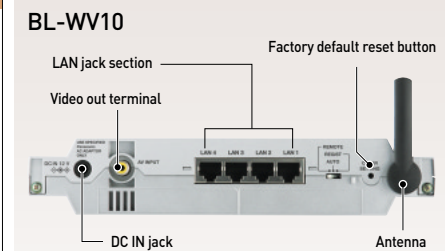
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SD memory card recording Capacity

Movie Recording Time

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Factory default reset button
Video out terminal
DC IN jack
Antenna

BL-C30

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Tripod mount
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Panasonic ®

0M0106SP-MS102WV10-LT.CE.H
All pictures simulated.
Design and specifications are subject to change without notice.