

Panasonic

ideas for life

Wireless Camera Monitoring System
BL-WV10
 Wireless Camera Monitoring System Package
BL-MS102*

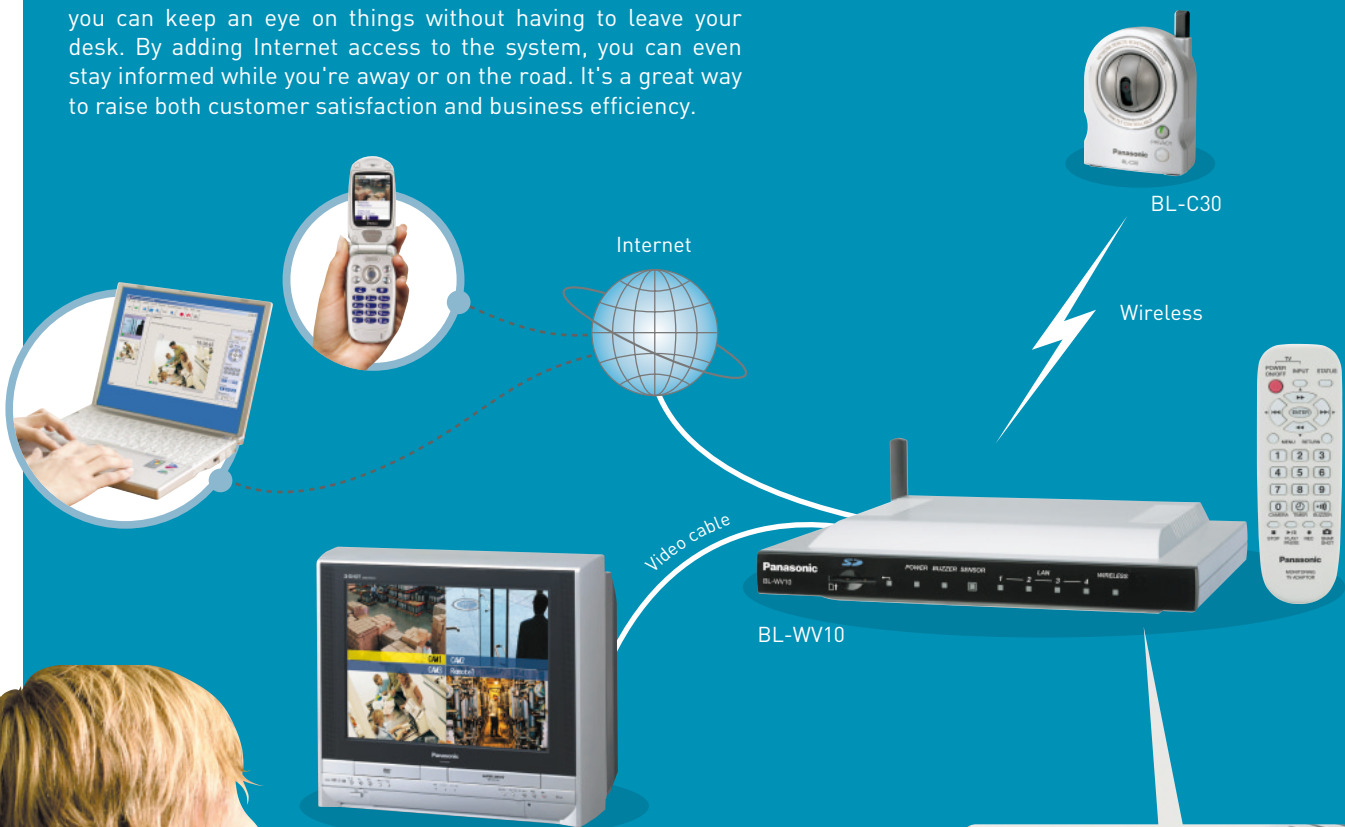


*The BL-MS102 is a set containing two BL-C30 models and one BL-WV10.



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.



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.



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		8MB	16MB	32MB	64MB	128MB	256MB	512MB	1GB	2GB
Timer/Sensor Recording	LONG*	1hr.	2hr.	5hr.	10hr.	21hr.	43hr.	87hr.	167hr.	341hr.
Standard Recording	C Series	26sec.	58sec.	2min.	4min.	8min.	16min.	33min.	65min.	129min.
Picture Storage		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

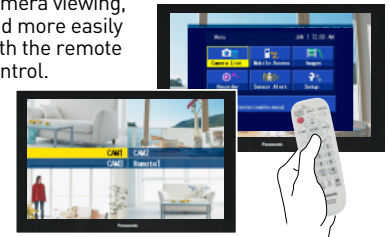


You can monitor over the Internet or an intranet. An Internet connection also lets you monitor right from your cell phone*. When the sensor detects something, it sends the image to you attached to an e-mail message.


*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.



Entrances



Check visitors with ease.

Automatic Alert Settings

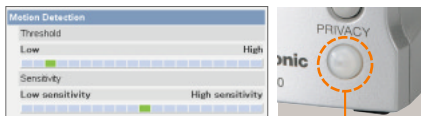
You're alerted immediately when someone passes through the entranceway. Even if the TV is turned off, a buzzer on the adaptor ensures that no visitors go unchecked.

- 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

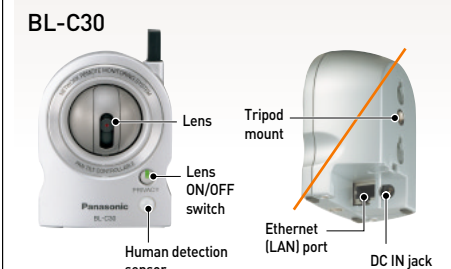
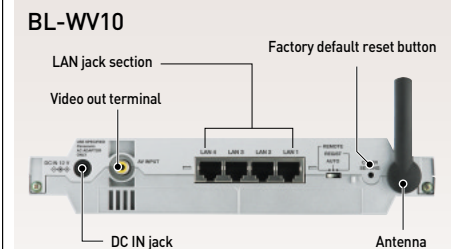
When multiple cameras are used, this function automatically switches from one to another. In addition to providing thorough monitoring, it also lets you display the time. To record, simply connect the system to a DVD or video tape recorder.

*Set the switch on the back of the BL-WW10 to Sequential Display mode to use.



Monitoring Image

Part Names [Rear View]



Specifications

Network camera		BL-C30 <input checked="" type="checkbox"/> Wireless type		Wireless camera monitoring system		
				BL-WV10		
Server	Image data compression system	JPEG [Motion JPEG for moving image display]	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	Supported protocols	• IPv4: TCP, UDP, HTTP, FTP, DHCP
	Image quality	3 modes (favor clarity, standard, favor motion)	Number of channel	11 ch.	Video resolution	• 640 x 480, 320 x 240
	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)	Transmission speed	up to 54 Mbps.	Image quality	• 3 modes (Favor clarity, standard, favor motion)
	Security	User ID/Password	Security	WEP 64/128/152 bit	Image data compression system	• JPEG (Motion JPEG for moving image display)
Network camera	Buffered images*2	Approx. 250 images: (320 x 240), standard image quality	Operating temperature	41°F to 104°F (+5°C to +40°C)	Frame rate	• Max. 30 frames/sec (320 x 240)
	Viewing angle	43° horizontal (total 143°) 32° vertical (total 82°)	Operating humidity	20% to 80% (No condensation)	Security	• User ID/password
	Revolving speed	Pan: Max. 50°/sec Tilt: Max. 50°/sec	Dimensions (H x W x D)	98 x 74 x 73 mm (Only the unit)	Dimensions	• 42 x 220 x 171 mm (excluding antenna and protrusions)
	Number of pixels	Approx. 320,000 pixels	Weight	200 g (Only the unit)	Weight (Main unit only)	• 500 g
	Lens focal point	Fixed (focal range: 0.5m to ∞)	Power supply	AC adaptor: Input 120 V AC, Output 12 V DC	Power supply	• AC adaptor: Input 110 V AC, Output 12 V DC
Lens brightness	F2.8	Consumption	6.4 W	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.

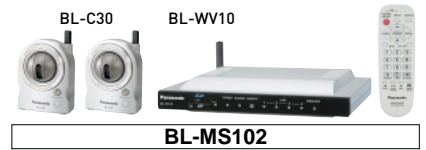
Panasonic

<http://panasonic.co.jp/pcc/products/en/netwcam/>

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Wireless Camera Monitoring System
BL-WV10
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BL-MS102*



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



Easy to Set-Up, Easy to Use



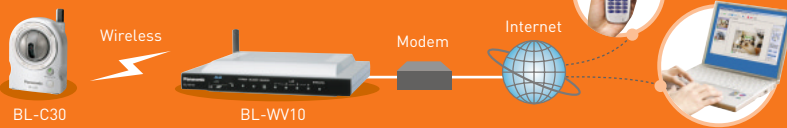
Have you ever had this experience? As you relax in the living room, you wonder if things are alright with your children or a pet in another room, or if everything is as it should be on a balcony where you have left a window or door open. With Panasonic's BL-WV10, you can stop wondering -- because you 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.

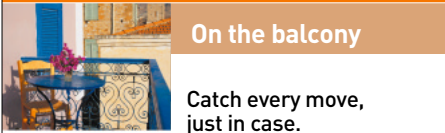
Network Connection and Cell Phone Monitoring

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.



Panasonic Brings You Peace of Mind



On the balcony

Catch every move, just in case.

Automatic Alert Settings

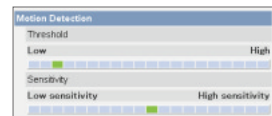
Watch over isolated places like your balcony or parking space. The network camera alerts you immediately when any kind of movement is detected.

- 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

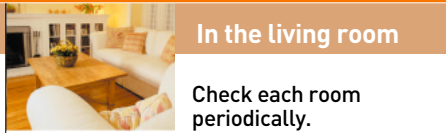
*3 Applicable models: BB-HCM311/HCM331/HCM371/HCM381/HCE481



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.



Monitoring Image

Other features

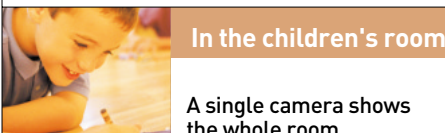
Remote Control Function

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.



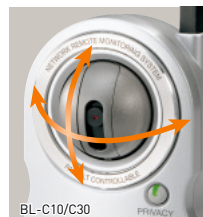
In the children's room

A single camera shows the whole room.

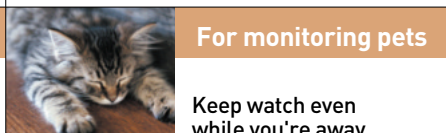
Remote Pan/Tilt and Zoom Control on TV

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.



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



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.

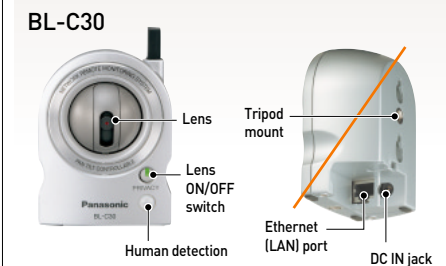
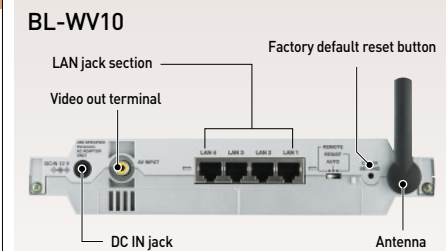
* Recording onto an SD Memory Card is not possible in Sequential Display mode.

SD memory card recording Capacity

Movie Recording Time		8MB	16MB	32MB	64MB	128MB	256MB	512MB	1GB	2GB
Timer/Sensor	LONG*	1hr.	2hr.	30min.	10min.	40min.	40min.	20min.	10min.	341hr.
Recording		1hr.	2hr.	30min.	10min.	40min.	40min.	20min.	10min.	20min.
Standard	C Series	26sec.	58sec.	2min.	4min.	8min.	16min.	33min.	65min.	2hr.
Recording		26sec.	58sec.	2min.	4min.	8min.	16min.	33min.	65min.	16min.
Picture Storage		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.

Part Names [Rear View]



Specifications

Network camera		BL-C30 <input checked="" type="checkbox"/> Wireless type		Wireless camera monitoring system	BL-WV10
Server	Image data compression system	JPEG [Motion JPEG for moving image display]		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		Supported protocols	• IPv4: TCP, UDP, HTTP, FTP, DHCP
	Image quality	3 modes (favor clarity, standard, favor motion)		Video resolution	• 640 x 480, 320 x 240
	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)		Image quality	• 3 modes (Favor clarity, standard, favor motion)
	Security	User ID/Password		Image data compression system	• JPEG (Motion JPEG for moving image display)
Network camera	Buffered images* ²	Approx. 250 images: (320 x 240), standard image quality		Frame rate	• Max. 30 frames/sec (320 x 240)
	Viewing angle	43° horizontal (total 143°) 32° vertical (total 82°)		Security	• User ID/password
	Revolving speed	Pan: Max. 50°/sec Tilt: Max. 50°/sec		Dimensions	• 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.



<http://panasonic.co.jp/pcc/products/en/netwcam/>

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