Panasonic
ideas for life

COMPACT CCVE SYSTEM
Streamline Colour Cameras
WV-CV201/WV-CV202
Colour Dome Cameras
WV-CV301/WV-CV302
36cm(14") Colour Quad Monitor
WV-CQ200

The CCVE Solution
Ideal for Security Market

Colour Dome Camera
WV-CV301
(4.3mm, F2.0)

Colour Dome Camera
WV-CV302
(2.45mm, F2.0)

Streamline Colour Camera
WV-CV202
(2.45mm, F2.0)

Streamline Colour Camera
WV-CV201
(2.8-6.0mm, variable-focal lens)
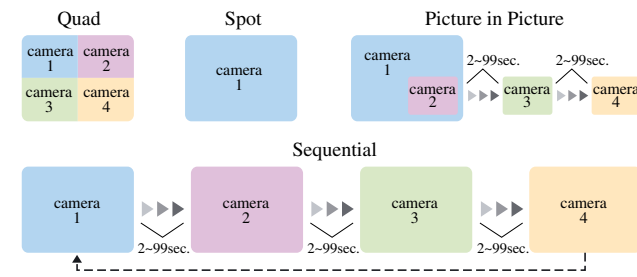
Uses Double Twisted Pair Cable

Because the same double twisted pair cable multiplexes video/audio signals and power, connecting the monitor and cameras is simple. Installing the cameras requires no additional work to add electrical power sources.

Choice of Screen Formats

Choose any of four modes: Quad, Picture in Picture, Sequential or Spot. Sequential mode timing can be set anywhere from 2 to 99 seconds.

| Quad | Spot | Picture in Picture |

Quad		
camera 1	camera 2
camera 3	camera 4

Spot
camera 1

Picture in Picture
camera 1
camera 2 ▶▶▶ 2~99sec. camera 3 ▶▶▶ 2~99sec. camera 4

Sequential
camera 1 ▶▶▶ camera 2 ▶▶▶ camera 3 ▶▶▶ camera 4
2~99sec. 2~99sec. 2~99sec.

Microphone and Speaker Built-in

Cameras are equipped with Electret Condenser Microphones (ECM), and the monitor comes with built-in speaker. So, in addition to images, for more thorough surveillance, you can check sounds originating in the camera's vicinity.

Built-in Motion Detector

Coverage and sensitivity of each camera's motion detector can be set independently. The motion detector can be used to start the VTR, turn-on a warning light, sound a buzzer, or automatically display the image captured by the camera.

Compatible with External Alarms

This system supports input from up to four sources, including door sensors, floor sensors, and interphones. As in the case of the motion detector, these inputs can be used to automatically turn on the VTR, etc., to ensure efficient capture of vital scenes.

Plug & Play. Super Cost Performance in a Four-Camera System.

This new Compact CCVE System from Panasonic combines four cameras and one monitor in a system that provides efficient surveillance in small retail applications. Just plug the monitor into a power outlet. Then, use standard Double Twisted Pair Cable to attach the cameras. With minimum effect on a shops atmosphere; these stylishly designed cameras integrate lens and mounts in, all-in-one units. They come in either Dome or Streamline types, four variations in all. This system is ideal for all sorts of small retail outlets including supermarkets, boutiques, convenience stores, drugstores, electrical appliance and jewellery stores.
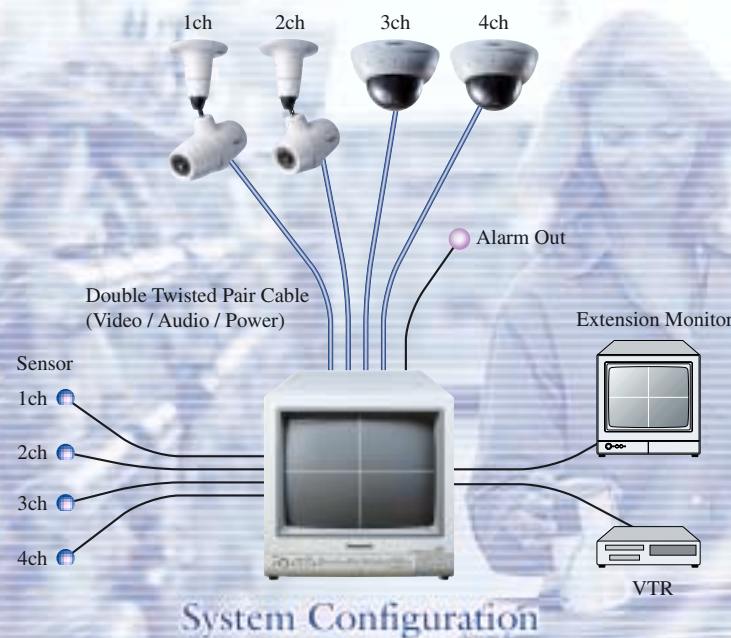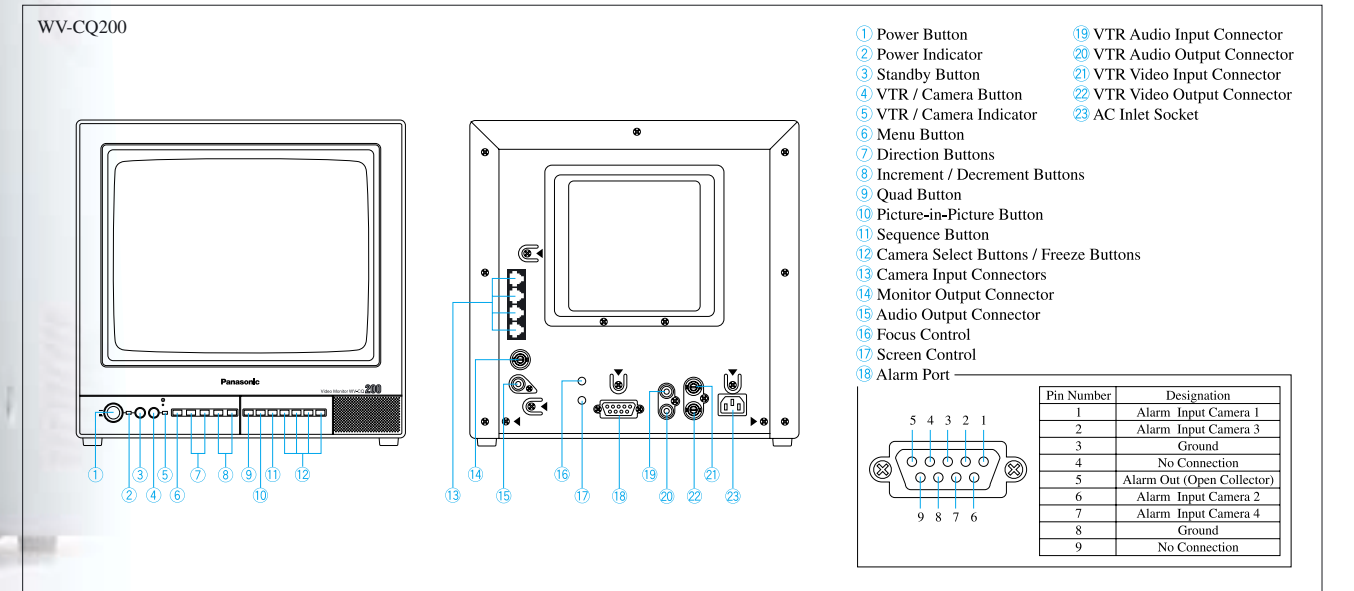
COMPACT CCVE SYSTEM

System Configuration

1ch 2ch 3ch 4ch

Alarm Out

Double Twisted Pair Cable
(Video / Audio / Power)

Extension Monitor

Sensor
1ch
2ch
3ch
4ch

VTR

36cm(14") Colour Quad Monitor
WV-CQ200

KEY FEATURES

Streamline Colour Cameras
WV-CV201 (2.8-6.0mm, variable-focal lens)
WV-CV202 (2.45mm, F2.0)
- 330-line horizontal resolution.
- Minimum illumination of 2.0 lux.
- Built-in Electret Condenser Microphone.
- Power source is supplied by quad monitor or DC12V.

Monitor
DC 12V

Colour Dome Cameras
WV-CV301 (4.3mm, F2.0)
WV-CV302 (2.45mm, F2.0)
- Compact colour dome camera for indoor use application.
- 330-line horizontal resolution.
- Minimum illumination of 2.0 lux.
- Built-in Electret Condenser Microphone.
- Power source is supplied by quad monitor or DC12V.

36cm(14") Colour Quad Monitor
WV-CQ200
- Picture display: Quad (1ch-4ch), Sequential (Dwell time: 1sec.-99sec.), Picture in Picture
- 4ch video motion detector function
- Time date & camera title (8 character) display
- Freeze in Full screen
- Event record in alarm & video loss
- Buzzer for alarm & camera loss
- User-friendly on-screen set up menu
- Maximum distance between monitor to camera is approx. 200m
- 4 (four) double twisted pair cables for camera connections are the standard accessories.

MAJOR OPERATING CONTROLS

WV-CQ200

① Power Button
② Power Indicator
③ Standby Button
④ VTR / Camera Button
⑤ VTR / Camera Indicator
⑥ Menu Button
⑦ Direction Buttons
⑧ Increment / Decrement Buttons
⑨ Quad Button
⑩ Picture-in-Picture Button
⑪ Sequence Button
⑫ Camera Select Buttons / Freeze Buttons
⑬ Camera Input Connectors
⑭ Monitor Output Connector
⑮ Audio Output Connector
⑯ Focus Control
⑰ Screen Control
⑱ Alarm Port

⑲ VTR Audio Input Connector
⑳ VTR Audio Output Connector
㉑ VTR Video Input Connector
㉒ VTR Video Output Connector
㉓ AC Inlet Socket

Pin Number	Designation
1	Alarm Input Camera 1
2	Alarm Input Camera 3
3	Ground
4	No Connection
5	Alarm Out (Open Collector)
6	Alarm Input Camera 2
7	Alarm Input Camera 4
8	Ground
9	No Connection

CAMERA SPECIFICATIONS [PAL]

Model No.		WV-CV201	WV-CV202	WV-CV301	WV-CV302
CCD	Size	1/4-type CCD			
	Pixel Size	512(H) x 582(V)			
Lens	Focal Length	2.8 - 6mm	2.45mm	4.3mm	2.45mm
	F No.	F1.4 -1.8	F2.0	F2.0	F2.0
Horizontal Resolution		330 TVL			
Minimum Illumination		2 lux			
Synchronization		Internal			
Horizontal Scanning Frequency		15.625 kHz			
Vertical Scanning Frequency		50 Hz			
Light Control		Electronic Light Control (ELC)			
White Balance		ATW			
Microphone		ECM			
Maximum Cable Length		200m			
External Connector	Video/Audio/Camera Power	Modular Jack			
	DC 12V In	Modular Jack (DC Power Connector)			
	Video Out	Modular Jack (BNC)			
Power Source		Supplied by Quad monitor / DC12V			
Dimensions (W x H x D) [excluding stand]		WV-CV201: 41.5 x 52.2 x 104 mm WV-CV202: 41.5 x 52.2 x 83.5 mm		Ø110(W) x 72(H) mm	
Accessories	Camera Stand	Yes		No	
	DC12/Video Cable	Yes			

MONITOR SPECIFICATIONS [PAL]

Model No.		WV-CQ200
CRT		14" type
Horizontal Resolution		330 lines at centre
Sweep Linearity		5%
Sweep Geometry		2%
Overscanning		8%
Speaker Output		0.5 W
OSD	Picture Adjustment Menu	English, French, Spanish, Germany
	Quad Setup Menu	English (Displayed after 3 seconds pushing on menu button)
19-type Rack-mount		Yes
Input/Output	Camera In (1ch-4ch)	Modular Jack
	Video In (VTR)	1.0V [p-p] composite / 75 Ω (BNC)
	Video Out (VTR)	1.0V [p-p] composite / 75 Ω (BNC)
	Audio In (VTR)	–8 dB, Hi-Z (RCA)
	Audio Out (VTR)	–10 dB, Lo-Z (RCA)
	Video Out	1.0V [p-p] composite / 75 Ω (BNC)
	Audio Out	–10 dB, Lo-Z (RCA)
	Alarm In (1ch-4ch)	Make contact input (9 pin, D-sub connector)
	Alarm Out	Open collector output, less than DC24V/100mA (9 pin, D-sub connector)
Quad	Refresh Rate	50 field/sec
	Sampling	720 (Horizontal)
	Gray Scale	512 level gray scale (9 bit)
Power Supply		AC220-240 V, 50 Hz
Dimensions (W x H x D)		370 x 361 x 399 mm
Accessory	Camera Cable	20m length x 4pcs

EXTENSION COLOUR MONITORS (OPTION)

Colour Monitors
WV-CM2080 55cm CRT **PS·Data**
WV-CM1780 45cm CRT **PS·Data**
WV-CM1480 40cm CRT **PS·Data**
WV-CM1420 37cm CRT
WV-CM1020 25cm CRT
WV-CK2020 55cm CRT
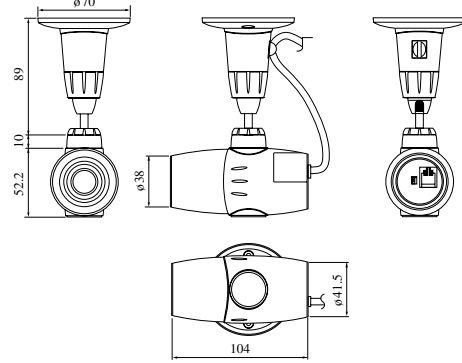WV-CK1420 37cm CRT

B/W Monitors
WV-BM1910 51cm CRT
WV-BM1790 44cm CRT
WV-BM1410 35cm CRT
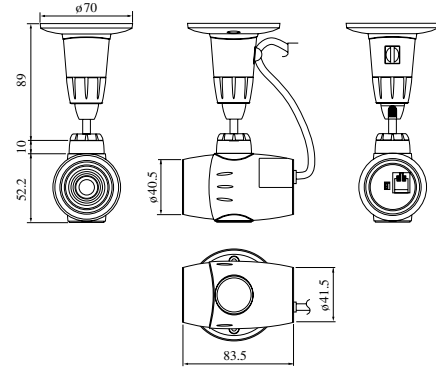WV-BM990 25cm CRT
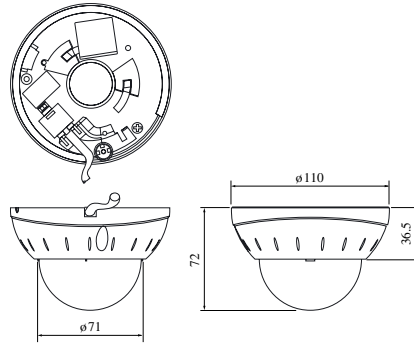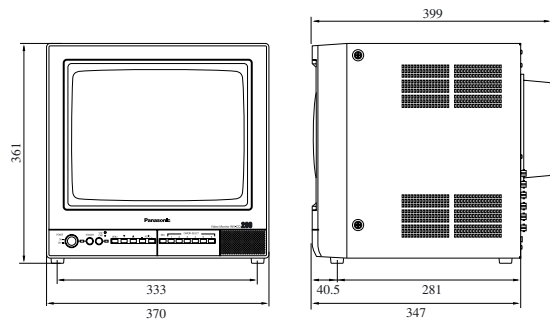WV-BM500 14cm CRT

APPEARANCE

Unit: mm

WV-CV201

WV-CV202

WV-CV301
WV-CV302

WV-CQ200

• All TV pictures are simulated. • Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

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