Panasonic
ideas for life

Lens : optional

day/night

FULL-FEATURED 24-HOUR SURVEILLANCE, SUPERB COST PERFORMANCE.

The new WV-CP250 Series from Panasonic combines full-featured 24-hour surveillance with hard-to-beat economy.

The WV-CP250 Series features Day/Night operation that automatically switches the camera from full colour operation to the black-and-white mode when illumination levels drop, which makes the unit ideal for 24-hour surveillance applications. Additional performance features include a horizontal resolution of 480 lines in colour and 570 lines in black-and-white; 50dB signal to noise ratio; an F1.4 lens perfect for low light applications; minimum illumination of only 1.0 lux in colour, and 0.15 lux in black-and-white; Back Light Compensation (BLC), Aperture Correction, Automatic Gain Control (AGC), and Automatic Tracing White Balance (ATW).

The WV-CP250 Series is the high-performance, cost-efficient choice for a wide range of CCVE applications.
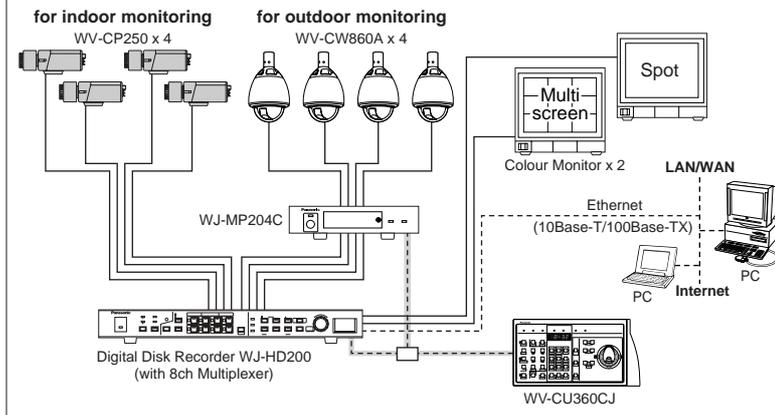
KEY FEATURES

- 1/3-type CCD colour image sensor.
- Day/Night operation switches from selected colour mode to B/W mode, automatically or manually.
- Super sensitivity of 1.0 lux in colour mode, and 0.15 lux in B/W mode at F1.4.
- 480-line resolution in colour mode, and 570-line in B/W mode.
- Signal to noise ratio of 50dB.
- Built-in 16 alphanumeric character display.
- Electronic shutter from 1/50 to 1/15,000 sec.
- Built-in Back Light Compensation (BLC) mode selector.
- Digital signal processing LSI's for high quality pictures.
- Automatic Gain Control (AGC) and Automatic Tracing White Balance (ATW).
- Highlight detail aperture correction.
- Internal or Line-lock synchronization modes.
- Multiplexed Vertical Drive (VD2) sync capability with Panasonic system products.

WIDE VARIETY OF OPTIONAL LENSES

Auto Iris Lenses	High-Speed Lenses	Zoom Lenses	Vari-focal Lenses
WV-LA2R8C3B	**WV-LA210C3**	**WV-LZ61/10** (x10)	**WV-LZA61/2**
WV-LA4R5C3B	**WV-LA408C3**	**WV-LZ61/15** (x15)	**WV-LZF61/2**
WV-LA9C3B	**WV-LA908C3**		**WV-LZ62/8**

SYSTEM EXAMPLES

1 with Panasonic Digital Disk Recorder; WJ-HD200

for indoor monitoring
WV-CP250 x 4

for outdoor monitoring
WV-CW860A x 4

Spot

Multi-screen

Colour Monitor x 2

LAN/WAN

WJ-MP204C

Ethernet
(10Base-T/100Base-TX)

Internet

PC

PC

Digital Disk Recorder WJ-HD200
(with 8ch Multiplexer)

WV-CU360CJ

2 with Panasonic Matrix System150

WV-CP250 x 16

(1) (2) (3) (16)

PC
RS-232C Port

Matrix Switcher WJ-SX150A

Time Lapse VTR

WV-CU360CJ System Controllers Max. 4

Monitor Outputs Max. 4
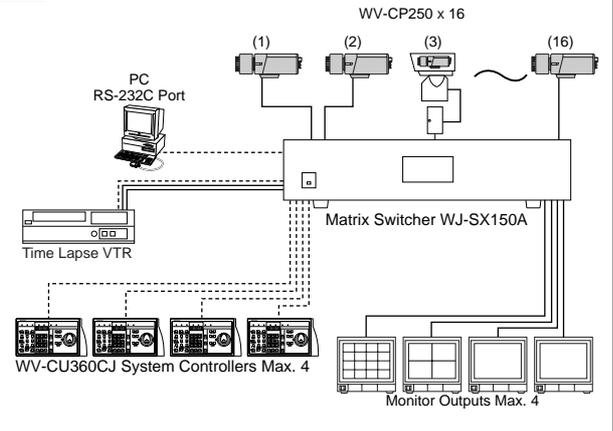
SPECIFICATIONS [PAL] [CCIR]

Model No.	WV-CP250	WV-CP254
Pick-up Device	752 (H) x 582 (V) pixels, interline transfer CCD	
Scanning Area	5.59 (H) x 4.68 (V) mm (equivalent to scanning area of 1/3" pick-up tube)	
Synchronization	Internal, Line-locked or Multiplexed Vertical Drive (VD2), selectable	
Scanning System	2 : 1 interlace	
Scanning	625 lines / 50 fields / 25 frames	
Horizontal	15.625 kHz	
Vertical	50 Hz	
Horizontal Resolution	480 lines at colour mode, 570 lines at B/W mode	
Video Output	1.0V[p-p] PAL composite 75Ω/BNC connector	
Signal-to-Noise Ratio	50dB (min) (at AGC Off, weight On)	
Electronic Light Control	equivalent to continuous variable shutter speed between 1/50s and 1/15,000s	
Minimum Illumination	1.0 lux at colour mode, 0.15 lux at B/W mode with F1.4 lens	
Aperture	SHARP or SOFT, selectable	
Day/Night	selectable COLOUR FIX (→ external terminal active) or AUTO	
Lens Mount	CS-mount	
Ambient Operating Temperature	−10 °C - +50 °C	
Ambient Operating Humidity	less than 90%	
Power Source And Power Consumption	220V-240V AC 50Hz, 3.9W	12V DC 300mA
		24V AC 50Hz, 3.3W
Dimensions (without lens)	70(W) x 55(H) x 118(D) mm	
Weights (without lens)	460 g	450 g

OPTIONAL COMPONENTS

DIGITAL DISK RECORDER

WJ-HD200 (with 8ch Multiplexer)

DIGITAL MULTIPLEXERS

WJ-FS416 (16ch)
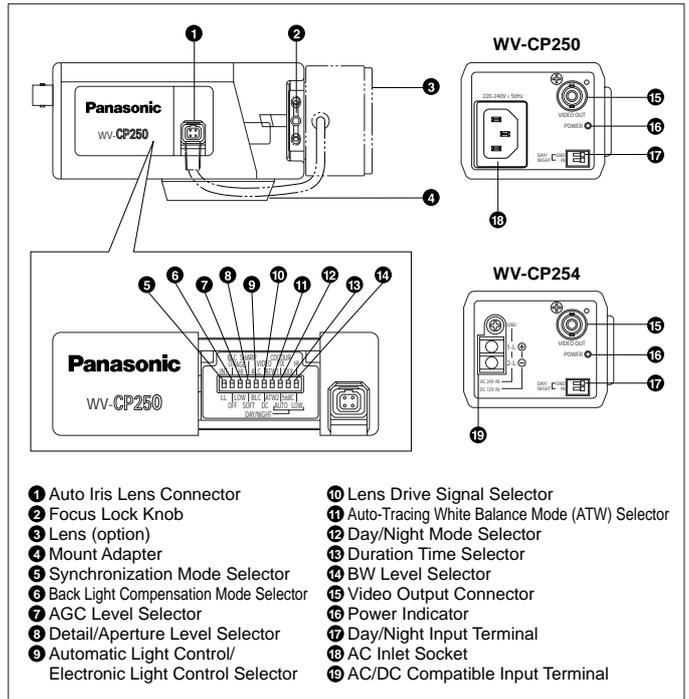**WJ-FS409** (9ch)

CONTROL SYSTEM
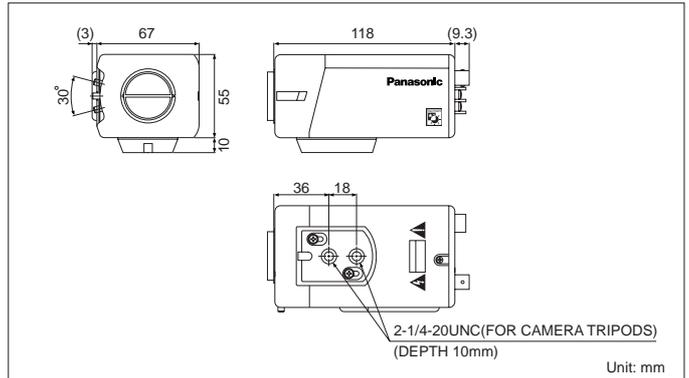
Matrix System 150

COLOUR MONITORS

WV-CM2080 55cm CRT
WV-CM1780 45cm CRT
WV-CM1480 40cm CRT
WV-CM1420 37cm CRT
WV-CM1020 25cm CRT

MAJOR OPERATING CONTROLS

WV-CP250

WV-CP254

❶ Auto Iris Lens Connector
❷ Focus Lock Knob
❸ Lens (option)
❹ Mount Adapter
❺ Synchronization Mode Selector
❻ Back Light Compensation Mode Selector
❼ AGC Level Selector
❽ Detail/Aperture Level Selector
❾ Automatic Light Control/
   Electronic Light Control Selector
❿ Lens Drive Signal Selector
⓫ Auto-Tracing White Balance Mode (ATW) Selector
⓬ Day/Night Mode Selector
⓭ Duration Time Selector
⓮ BW Level Selector
⓯ Video Output Connector
⓰ Power Indicator
⓱ Day/Night Input Terminal
⓲ AC Inlet Socket
⓳ AC/DC Compatible Input Terminal

APPEARANCE

(3) 67 118 (9.3)

30° 55 10

36 18

2-1/4-20UNC(FOR CAMERA TRIPODS)
(DEPTH 10mm)

Unit: mm

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

DISTRIBUTED BY: