

# Panasonic®

## Weather Proof & Vandal Resistant Color Dome Camera with Low-Light B/W Mode **WV-CW864**



## AN ALL WEATHER AND VANDAL RESISTANT DOME CAMERA FOR 24-HOUR OUTDOOR SURVEILLANCE.

The new WV-CW864 from Panasonic combines a vandal resistant outdoor housing with 22x zoom capability. This all-in-one color/mono switch-over dome camera is ideal for outdoor applications.

The WV-CW864 rugged body meets international IP66 standards for dust and moisture resistance, and can be easily installed under eaves or exterior walls.

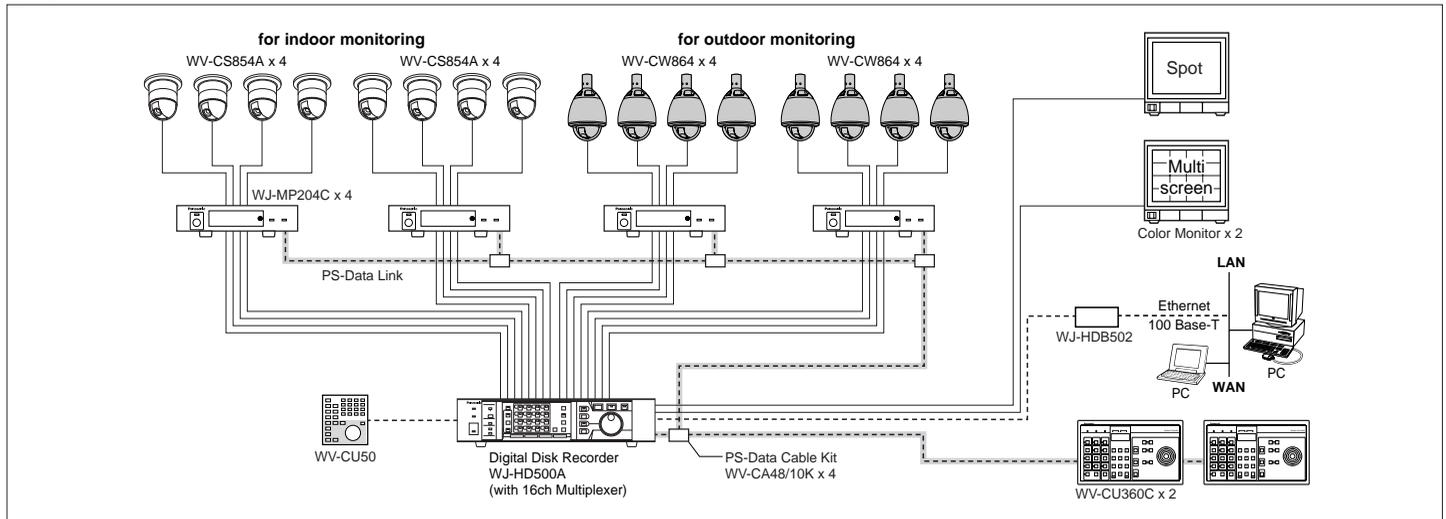
This ultra sensitive camera produces clear color images in lighting as low as 0.5 lx(0.05 fc) or black-and-white images at 0.03 lx(0.003 fc) (both with sensitivity 2x up, AGC high). The WV-CW864 also comes equipped with digital flip capabilities for ease of tracking. Privacy zone masking protects against operator misuse and the general public's rights to privacy. Patrol learn functions and motion detection are only two of 64 pre-set operations, raising surveillance to an unprecedented level.

The WV-CW864 is ideal for various applications such as outdoor parking lots, retail sites, parks, hotels and office buildings.

### Key Features

- IP66 of IEC 60529 standard for all weather proof environmental structure.
- Unitized all-in-one dome color unit with low-light B/W mode.
- Switches from selected color mode to B/W mode, automatically or manually for day and night 24-hour surveillance.
- 570-line at B/W and 480-line at color imaging horizontal resolution.
- Super sensitivity of 0.5 lx(0.05 fc) in color mode, and 0.03 lx(0.003 fc) in B/W mode (at sensitivity 2x up, AGC high).
- Built-in Digital-Flip allows immediate automatic 180-degree turn for improved tracking.
- Privacy zone masking function.
- Built-in motion detector.
- Patrol Learn function.
- Image hold function during panning.
- 64 camera angle preset positions.
- Panning speed of max. 300 degree/s at sequential mode.
- 22x optical zoom lens (3.79 - 83.4mm at F1.6) plus 10x electronic digital zoom for total zoom capacity of 220x.
- Auto focus lens.
- Thermostat automatically controls built-in heater and fan functions.
- Multiplex-coaxial or RS485 data communication.
- Four (4) alarm inputs and two (2) outputs terminals.
- 16 alphanumeric character display.
- Multiplexed Vertical Drive(VD2) sync capability with Panasonic system products.
- Optional sun shield; WV-7176 is available for application of the avoid the direct rays of the sun.

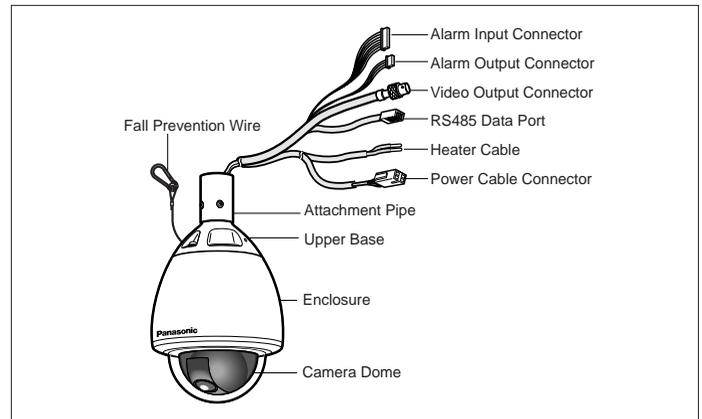
## SYSTEM EXAMPLE



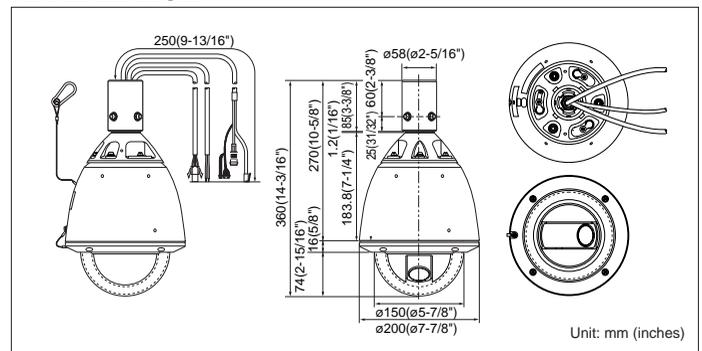
## SPECIFICATIONS

Model No.	WV-CW864
Effective Pixels	768 (H) x 494 (V)
Scanning Area	3.65 mm (H) x 2.74 mm (V), 1/4-type CCD
Synchronization	Internal/Line-lock/Multiplexed Vertical Drive (VD2)
Horizontal Scanning Frequency	15.734 kHz
Vertical Scanning Frequency	59.94 Hz
Video Output	1.0 V <sub>p-p</sub> NTSC composite/75 Ω
Horizontal Resolution	more than 480 lines at color, 570 lines at B/W mode
Vertical Resolution	more than 350 lines at center
Signal-to-Noise Ratio	50 dB (AGC Off, weight On)
Minimum Illumination	0.5 lx(0.05 fc) at color, 0.03 lx(0.003 fc) at B/W mode at SENS UP x 2 (AGC High)
Zoom Speed	approx. 4.5 s (Tele/Wide) in manual mode
Focus Speed	approx. 6.0 s (Far/Near) in manual mode
Iris	automatic (open/close is possible)/manual
Maximum Aperture Ratio	1 : 1.6 (Wide) - 3.0 (Tele)
Focal Length	3.79 - 83.4 mm
Angular Field of View	H 2.6° - 51.7° V 2.0° - 39.9°
Electronic Shutter	1/60 (Off), 1/100, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 s
AGC Control	On (Low)/On (Mid)/On (High)/Off
Sensitivity	max. 32 times, Auto/Fix
Back Light Control	selectable On/Off (SETUP MENU)
Zoom Ratio	x22 plus digital zoom x10
Iris Range	F1.6 - 22, close
Auto Focus	Manual/Auto
Auto Mode	Off/Seq/Sort/Auto Pan/Patrol
Auto Pan Key	Seq/Sort/Auto Pan/Patrol Play
Digital Flip	On/Off
Camera ID	preset ID, camera ID, area title : up to 16 characters
Back Light Control	On/Off
Motion Detector	On/Off
Alarm In	4 inputs (Alarm IN 1-4)
Alarm Out	2 outputs (Alarm/Aux1, B/W/Aux2)
B/W Mode	Auto/On/Off
Privacy Zone	On/Off, up to 8 zones
Proportional Pan/Tilt	On/Off
Patrol Learn	Learn/Play/Stop, up to 30 seconds
Cleaning	On/Off
Imaging Hold	On/Off
Panning Range	360° endless
Panning Angle Setting	possible (in auto-pan mode)
Panning Mode	manual/sequential position/sort position/auto pan
Panning Speed	manual : approx. 0.1°/s - 120°/s 8-steps/64-steps sequence position : maximum approx. 300°/s
Tilting Range	0°-180°
Tilting Mode	manual/sequential position/sort position
Tilting Speed	manual : approx. 0.1°/s - 120°/s 8-steps/64-steps sequence position : maximum approx. 300°/s
Power Source	24 V AC, 50 Hz
Power Consumption	Camera 18 W Heater 41 W
Ambient Operating Temperature	-30°C ~ +50°C (-22°F~122°F) (at continuous operation mode)
Dimensions	ø200 (D) x 360 (H) mm [ø7-7/8" (D) x 14-3/16" (H) ]
Weight	approx. 5 kg (11 lbs.)

## MAJOR OPERATING CONTROLS



## APPEARANCE



## OPTIONAL ACCESSORY



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

# Panasonic

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