



WV-CZ392

WV-CZ492

**Compact Day/Night Surveillance Camera featuring *Super Dynamic 6* with 36x Optical Zoom Lens (WV-CZ492)**

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**Key Features**

- 1/4 type CCD pick-up element with 976 (H) x 582 (V) pixels
- 650 TV lines at color and B/W imaging horizontal resolution
- **Super Dynamic 6** technology delivers 160x wider dynamic range compared to conventional cameras. (WV-CZ492)
- BLC (Back-Light Compensation) mode selector (WV-CZ392)
- High sensitivity with Day/Night function:  
0.5 lx at color mode (Sens Up: Off, AGC: High)  
0.04 lx at B/W mode (Sens Up: Off, AGC: High)
- Day/Night operation can be selected to automatically or manually switch from color to B/W.
- 36x optical zoom lens (3.3 ~ 119.0 mm at F1.4) plus 20x electronic digital zoom for total zoom capacity of 720x
- Auto focus lens
- Privacy zone masking function (Eight (8) privacy zones can be masked.)
- Built-in VMD (Video Motion Detection)
- Up to 256 preset lens positions
- 16-alphanumeric character display
- DNR (Digital Noise Reduction) function
- Electronic shutter from 1/50 (Off) to 1/10,000 s
- Linear 32x (Auto), 512x (Fix) electronic sensitivity enhancement function
- Signal to noise ratio of 52 dB
- Password-lock function for user management protection
- Built-in Mirror and Up-Side-Down functions for special imaging needs
- Multiplex-coaxial or RS485 (2line) data (Panasonic, Pelco P/D Protocol) communication
- 12 V DC operation
- Compact body: 58mm (W) x 118 mm (H) x 68 mm (D) (2-1/4" (W) x 4-5/8" (H) x 2-5/8"(D))
- Alarm output terminal

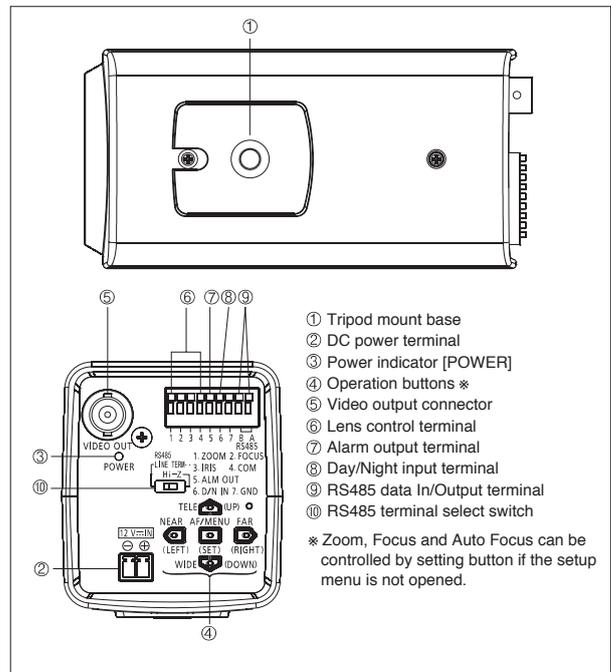
**Standard Accessories**

• Operating Instructions .....	1 pc.
• CD-ROM* .....	1 pc.
* The CD-ROM contains the operating instructions (PDF)	
The following part is used during installation procedures	
• Power cord plug .....	1 pc.

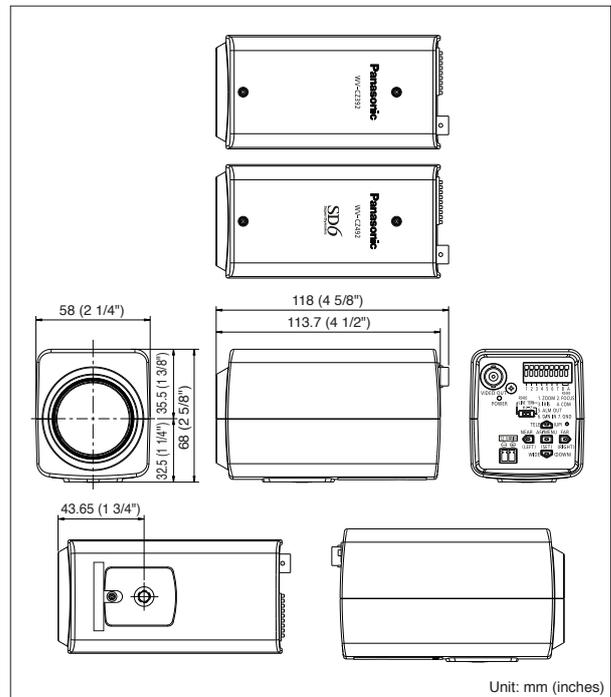
## Specifications

TV System	PAL
<b>Camera</b>	
Image Sensor	1/4 type interline transfer CCD
Effective Pixels	976 (H) x 582 (V)
Scanning Mode	2:1 interlace
Scanning Area	3.6 (H) x 2.7 (V) mm
Scanning Frequency	Horizontal: 15.625 kHz Vertical: 50.00 Hz
Horizontal Resolution	650 TV lines
Minimum Illumination	Color: 0.5 lx (Sens Up: Off, AGC: High), B/W: 0.04 lx (Sens Up: Off, AGC: High)
Signal-to-Noise Ratio	52 dB (AGC: OFF)
White Balance	AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 8,000 K), ATW2 (2,400 ~ 8,000 K)
Light Control	ALC (Adjustable OPEN/CLOSE output target level) / MANUAL
AGC	ON (LOW, MID, HIGH) / OFF
Super Dynamic 6	ON / OFF (WV-CZ492)
Dynamic Range	54 dB typical (Super Dynamic 6 : ON) (WV-CZ492)
Electronic Shutter	OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000
Electronic Sensitivity UP	32x max. AUTO, 512x max. FIX
Digital Noise Reduction	High or Low
Black and White Mode	Auto / ON / OFF / EXT
Scene File	10 patterns (Shutter, AGC, Sens UP, White balance, VMD)
Scene Select Setting	INDOOR (L) / INDOOR (H) / OUTDOOR (L) / OUTDOOR (H)
Video Motion Detection	OFF / MOTION DET / SCENE CHANGE
Privacy Zone	ON (1) / ON (2) / OFF, up to 8 zones
Auto Image Stabilizer	ON / OFF
Camera Title	16 alphanumeric characters
Auto Focus	STOP AF / AUTO
Synchronization	Internal (INT)
<b>Lens</b>	
Focal Length	3.3 mm ~ 119 mm
Zoom Ration	36x (Approx. 720x with digital zoom)
Zoom Speed	approx. 6.0 seconds (Tele ~ Wide) in manual mode
Zoom Limit	1x ~ 720x (Over 36x is digital zoom)
Angular Field of View	H: 1.47° (Tele) ~ 60.15° (Wide), V: 1.20° (Tele) ~ 46.03° (Wide)
Maximum Aperture Ratio	1:1.4 (Wide) ~ 4.2 (Tele)
Focusing Range	1.5 m (4.9 ft.) ~ ∞
Aperture Range	F1.4 ~ 22, Close
<b>Input / Output</b>	
Video Output	1.0 V [p-p] / PAL composite 75 Ω
Controller Interface	Coaxial Multiplex System, RS485 (Panasonic, Pelco P/D)
External I/O Terminals	4 inputs (ZOOM, FOCUS, IRIS, D/N IN), 1 output (ALARM)
Day/Night IN	Input pulled up to 5.0 V DC OFF (open or 4 V DC - 5 V DC) / ON (0 V 0.2 mA)
<b>General</b>	
Setup Method	OSD setup menu
Password Lock	All menus
Language	English, French, Italian, Spanish, German, Russian, Chinese, Japanese
Safety/EMC Standard	CE (EN55022 ClassB, EN55024), GOST (GOST R 51558)
Power Source and Power Consumption	12 V DC, 220mA
Ambient Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)
Ambient Operating Humidity	90 % or less (without condensation)
Dimensions	58mm (W) x 118 mm (H) x 68 mm (D)
Mass (approx.)	310 g
Finish	ABS resin / Black

## Part Names and Functions



## Appearance



Unit: mm (inches)

### Trademarks and registered trademarks

– Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.  
– "Super Dynamic", "SDII", "SDIII", "SD5", "SD5Link", "SD6", "i-PRO" and "i-PRO SmartHD" logos are trademarks or registered trademarks of Panasonic Corporation.

### Important

– Safety Precaution: carefully read the operating instructions and installation manual before using this product.  
– Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

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

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