Panasonic
ideas for life

WV-CP624

WV-CP620

SD6
Super Dynamic

Lens: optional

day/night IR removable

Compact Day/Night Fixed Camera featuring *Super Dynamic 6* technology

Key Features

- *Super Dynamic 6* technology delivers 128x wider dynamic range compared to conventional cameras.
- High resolution: 650 TV lines
- High sensitivity with Day/Night function: 0.08 lx (Color), 0.008 lx (B/W) at F1.4. IR cut filter switches on/off to enhance the sensitivity in B/W mode.
- ABS (Adaptive Black Stretch) enhances visibility of dark area without degrading image quality in bright area.
- Focus Assist ensures easy installation.
- Various adjustment features including ATW (Auto Tracing White Balance) and ALC (Automatic Light Control)
- 16 axis matrix color compensation function enables wider range of natural color adjustment.
- 3-dimensional color conversion function for natural color reproduction even in lower color temperature situation
- Adaptive Digital Noise Reduction: Integration of 2D-DNR and 3D-DNR ensures noise reduction in various conditions.
- Electronic sensitivity enhancement: Auto (Up to 32x) / Manual (Up to 512x)
- Electronic shutter from 1/100 to 1/120,000 sec.
- Digital zoom: Up to 2x
- Auto Image Stabilizer for applications where vibration or wind is a concern
- Internal / Multiplexed Vertical Drive (VD2) synchronization
- Over the coaxial cable data communication

- 16 alphanumerics camera title display
- Multi language: English, French, Italian, Spanish, German, Russian, Chinese, Japanese
- On screen display menu
- ELC mode for easier lens adjustment upon installation
- Smart look fits for various applications such as shopping mall, hotels and hospitals.

Standard Accessories

- CD-ROM*.................................... 1 pc.
- Installation Guide........................ 1 pc.

The following is used during installation procedures:
- Power cord (only for WV-CP620) (Approx. 1.8 m {5.9 feet})............................... 1 pc.
- Power cord plug (only for WV-CP624P)..1 pc.
- Safety wire lug..1 pc.
- Safety wire (Approx. 300 mm {1 feet})...1 pc.
- Wire lug fixing screws (M2.5 × 8 mm {5/16 inches}).......2 pcs. (including 1 for replacement)
- Washer..1 pc.
- Spring washer...1 pc.

*The CD-ROM contains the operating installations and installation guide (PDF).

Optional Accessories

1/3 type 2x Varifocal Lens
WV-LZA61/2S
(3.8 ~ 8 mm)
F1.4 (Wide)
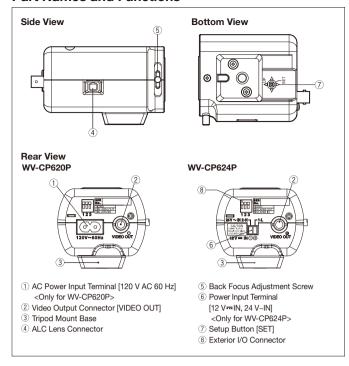F1.8 (Tele)

1/3 inch 8x Varifocal Lens
WV-LZ62/8S
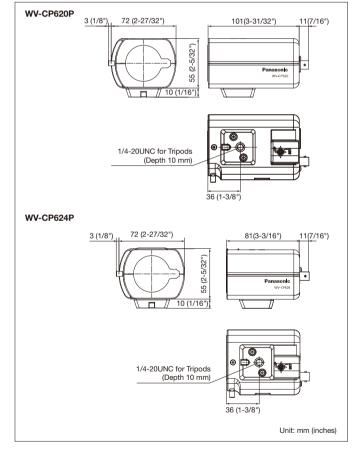(5 ~ 40 mm)
F1.6 (Wide)
F1.9 (Tele)

Specifications

TV System		WV-CP620	WV-CP624
Camera	Image Sensor	1/3 type interline transfer CCD	
	Effective Pixels	976 (H) x 494 (V)	
	Scanning Mode	2:1 interlace	
	Scanning Area	4.8 (H) x 3.6 (V) mm {3/16 inches (H) × 5/32 inches (V)}	
	Scanning Frequency	Horizontal: 15.734 kHz Vertical: 59.94 Hz	
	Horizontal Resolution	650 TV lines typ.	
	Minimum Illumination — color mode	0.08 lx	
	Minimum Illumination — black-and-white mode	0.008 lx	
	Signal-to-Noise Ratio	52 dB (AGC: OFF)	
	White Balance	AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K)	
	Light Control	ALC/ALC+/ELC	
	AGC	ON (LOW, MID, HIGH) / OFF	
	Super Dynamic 6	ON / OFF	
	Dynamic Range	52 dB typical (Super Dynamic 6 : ON)	
	Electronic Shutter	OFF (1/60), 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000, 1/120000 (s)	
	Electronic Sensitivity UP	32x max. AUTO, 512x max. FIX	
	Day & Night (IR)	AUTO1/AUTO2/ON/OFF	
	Digital Noise Reduction	High or Low	
	Scene File	2 patterns	
	Video Motion Detection	OFF / MOTION DETECTION / SCENE CHANGE	
	Privacy Zone	ON(1) / ON(2) / OFF	
	Image Stabilizer	ON / OFF	
	Camera Title	16 alphanumeric characters	
	Synchronization	Internal (INT), multiplexed vertical drive (VD2)	
Input / Output	Video Output	1.0 V [p-p] NTSC composite video signal 75 Ω	
	Controller Interface	Coaxial Multiplex System	
	External I/O Terminals	Alarm IN 1pc, Alarm OUT 1pc	
General	Setup Method	OSD setup menu	
	Language	English, French, Italian, Spanish, German, Russian, Chinese, Japanese	
	Safty / EMC Standard	UL (UL60065), FCC (Part 15 ClassA), C-UL (E60065), DOC (ICES-003)	
	Power Source and Power Consumption	120 V AC 60 Hz 2.3 W	24 V AC 60 Hz: 2.5 W , 12 V DC: 220 mA
	Ambient Operating Temperature	−10 °C ~ +50 °C (14 °F ~ 122 °F)	
	Ambient Operating Humidity	90 % or less (without condensation)	
	Dimensions	101 mm (L) × 72 mm (W) × 55 mm (H) {3-31/32 inches (L) × 2-27/32 inches(W) × 2-5/32 inches (H)}	81 mm (L) × 72 mm (W) × 55 mm (H) {3-3/16 inches (L) × 2-27/32 inches(W) × 2-5/32 inches (H)}
	Mass (approx.)	Approx.190 g {0.42 lbf} (Power cord excluded)	Approx.170 g {0.35 lbf}
	Finish	ABS resin / White Painting	

Part Names and Functions

Side View

Bottom View

Rear View

WV-CP620P

WV-CP624P

① AC Power Input Terminal [120 V AC 60 Hz]
   <Only for WV-CP620P>
② Video Output Connector [VIDEO OUT]
③ Tripod Mount Base
④ ALC Lens Connector

⑤ Back Focus Adjustment Screw
⑥ Power Input Terminal
   [12 V⎓IN, 24 V~IN]
   <Only for WV-CP624P>
⑦ Setup Button [SET]
⑧ Exterior I/O Connector

Appearance

WV-CP620P

3 (1/8") 72 (2-27/32") 101(3-31/32") 11(7/16") 55 (2-5/32") 10 (1/16")

1/4-20UNC for Tripods (Depth 10 mm)

36 (1-3/8")

WV-CP624P

3 (1/8") 72 (2-27/32") 81(3-3/16") 11(7/16") 55 (2-5/32") 10 (1/16")

1/4-20UNC for Tripods (Depth 10 mm)

36 (1-3/8")

Unit: mm (inches)

Important
- Safety Precaution: carefully read the operating instructions and installation manual before using this product.
- "Super Dynamic", "SDⅡ", "SDⅢ", "SD5", "SD5Link","SD6", "i-PRO" and "i-PRO SmartHD" logos are trademarks or registered trademarks of Panasonic Corporation.

• 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.
• All product pictures are NTSC models.

DISTRIBUTED BY:

Panasonic®