

**PAL** WV-CF344 (24 V AC or 12 V DC)  
 WV-CF354 (24 V AC or 12 V DC)  
 WV-CF374 (24 V AC or 12 V DC)



## Smart look Day/Night Fixed Dome Camera with advanced features

### Key Features

- 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. (WV-CF374)
- High sensitivity with Day/Night (electrical) function: 0.08 lx (Color), 0.05 lx (B/W) at F1.4 (WV-CF344/WV-CF354)
- ABS (Adaptive Black Stretch) enhances visibility of dark area without degrading image quality in bright area.
- ABF (Auto Back Focus) ensures easy installation (WV-CF354).
- Focus Assist ensures easy installation.(WV-CF344/WV-CF374)
- Various adjustment features including BLC (Back-Light Compensation), ATW (Auto Tracing White Balance) and ALC (Automatic Light Control)
- 2.8 ~ 10 mm 3.6x Varifocal Auto Iris lens
- 16 axis matrix color compensation function enables wider range of natural color adjustment.
- Adaptive Digital Noise Reduction: Integration of 2D-DNR and 3D-DNR ensures noise reduction in various conditions.
- Electronic sensitivity enhancement: Auto (Up to 32x) / Fix (Up to 512x)
- Electronic shutter from 1/120 to 1/120,000 sec.
- Digital zoom: Up to 2x
- Auto Image Stabilizer for applications where vibration or wind is a concern
- Internal synchronization
- Over the coaxial cable data communication
- 16 alphanumeric camera title display
- Multi language: English, French, Italian, Spanish, German, Russian, Chinese, Japanese

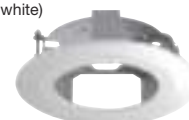
- Wide coverage :
  - WV-CF344 Horizontal: 100.3 °, Vertical: 73.5 °
  - WV-CF354 Horizontal: 100.3 °, Vertical: 73.4 °
  - WV-CF374 Horizontal: 100.8 °, Vertical: 73.8 °
- Lens Distortion Correction
- On screen display menu
- Monitor output and ELC mode for easier lens adjustment upon installation
- 3-way hinge (horizontal, vertical and swivel rotation) for easy installation
- Various mounting options: Surface mount, Embedded mount (with optional WV-Q174)
- Smart look fits for various applications such as shopping mall, hotels and hospitals.

### Standard Accessories

Installation Guide .....	1 pc.	CD-ROM* .....	1 pc.
The following is used during installation procedures:			
Installation template panel.....	1 pc.		
*The CD-ROM contains the operating instructions (PDF).			

### Optional Accessories

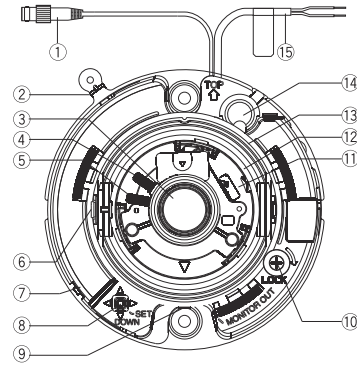
Embedded Ceiling Mount Bracket (Sail white)  
**WV-Q174**



## Specifications

<b>TV System</b>	<b>PAL</b>	
<b>Camera</b>	Image Sensor	1/3 type interline transfer CCD
	Effective Pixels	976 (H) x 582 (V)
	Scanning Mode	2:1 interlace
	Scanning Area	4.8 (H) x 3.6 (V) mm
	Scanning Frequency	Horizontal: 15.625 kHz Vertical: 50.00 Hz
	Horizontal Resolution	650 TV lines
	Minimum Illumination	Color: 0.08 lx (Sens Up: Off, AGC: High) B/W: WV-CF344/WV-CF354 0.05 lx (Sens Up: Off, AGC: High) WV-CF374 0.008 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/ALC+/ELC
	AGC	ON (LOW, MID, HIGH) / OFF
	Electronic Shutter	OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000, 1/120,000
	Electronic Sensitivity UP	32x max. AUTO, 512x max. FIX
	Day & Night	WV-CF374: Day & Night (IR) Off / Auto1 / Auto2 / On WV-CF354/WV-CF344: Day & Night (Electrical) Off / Auto
	Digital Noise Reduction	High or Low
	Scene File	2 patterns
	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
Synchronization	Internal (INT)	
<b>Lens</b>	Focal Length	2.8 mm ~ 10.0 mm
	Zoom Ration	3.6x
	Angular Field of View	WV-CF344 H: 27.6° (Tele) ~ 100.3° (Wide), V: 20.7° (Tele) ~ 73.5° (Wide) WV-CF354 H: 27.8° (Tele) ~ 100.3° (Wide), V: 20.9° (Tele) ~ 73.4° (Wide) WV-CF374 H: 27.6° (Tele) ~ 100.8° (Wide), V: 20.7° (Tele) ~ 73.8° (Wide)
	Maximum Aperture Ratio	WV-CF344/374 1:1.3 (Wide) ~ 3.1 (Tele) WV-CF354 1:1.3 (Wide) ~ 3.0 (Tele)
Focusing Range	0.3 m (0.98 ft.) ~ ∞	
<b>Adjustable angle range</b>	Pan:	+180° to -170°
	Tilt:	±90°
	Azimuth:	±100°
<b>Input/ Output</b>	Video Output	1.0 V [p-p] / PAL composite 75
	Controller Interface	Coaxial Multiplex System
<b>General</b>	Setup Method	OSD setup menu
	Password Lock	All menus
	Language	English, Russian, German, French, Italian, Spanish, Chinese, Japanese
	Safety/EMC Standard	CE (EN55022 ClassB, EN55024), GOST (GOST R 51558)
	Power Source and Power Consumption	12 V DC, 180 mA / 24 V AC, 50/60 Hz, 2.1 W
	Ambient Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)
	Ambient Operating Humidity	90 % or less (without condensation)
	Dimensions	ø108 x 94 mm (H) (ø4-1/4" x 3-3/4" (H))
	Mass (approx.)	320 g
	Finish	ABS resin / Sail White

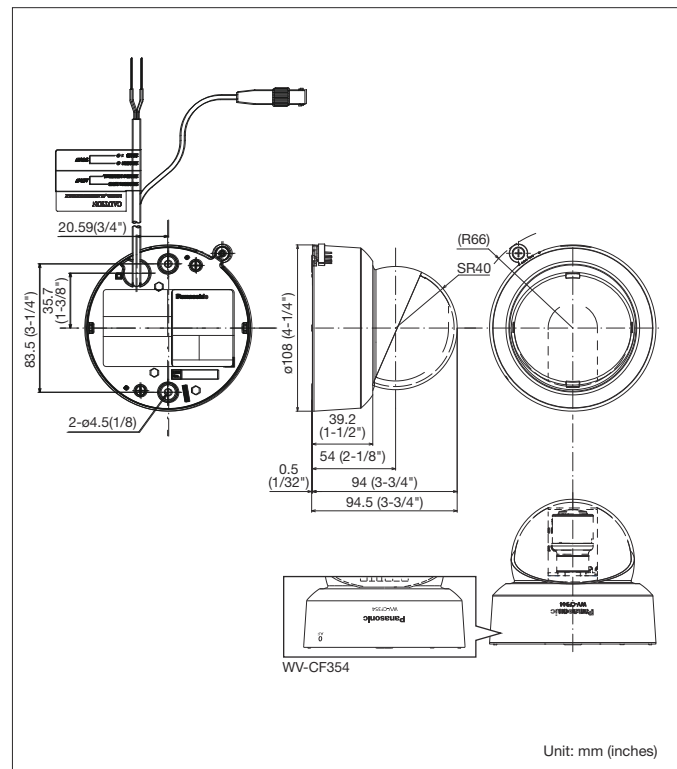
## Part Names and Functions



\* This illustration represents WV-CF344.

- |                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| ① Video output connector                           | ⑨ Adjustment monitor output jack |
| ② Mark                                             | ⑩ Panning table lock screw       |
| ③ Lens                                             | ⑪ Azimuth adjuster               |
| ④ Focus knob (with lock function) [WV-CF374/CF344] | ⑫ Tilting table                  |
| ⑤ Zoom knob (with lock function)                   | ⑬ Panning table                  |
| ⑥ Tilting lock screw                               | ⑭ Cable access hole              |
| ⑦ AF button [WV-CF354]                             | ⑮ Power cord                     |
| ⑧ Set up button [WV-CF374/CF344]                   |                                  |

## Appearance



### Trademarks and registered trademarks

– Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.

### 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.
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