Panasonic
ideas for life

Day/Night Fixed Dome Camera
WV-CF300 Series

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)

Preliminary

WV-CF354

WV-CF344

WV-CF374

(WV-CF354) (WV-CF374) (WV-CF344/WV-CF354)

Auto Back Focus | day/night IR removable | day/night

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-CW374)
- High sensitivity with Day/Night (electrical) function: 0.08 lx (Color), 0.05 lx (B/W) at F1.4 (WV-CW344/WV-CW354)
- 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) / Manual (Up to 512x)
- Electronic shutter from 1/120 to 1/10,000 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 alphanumerics camera title display
- Multi language: English, French, Italian, Spanish, German, Russian, 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 Compensation
- 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

Operating Instructions .... 1 pc.   CD-ROM* .... 1 pc.

*The CD-ROM contains the operating instructions (PDF).

Optional Accessories

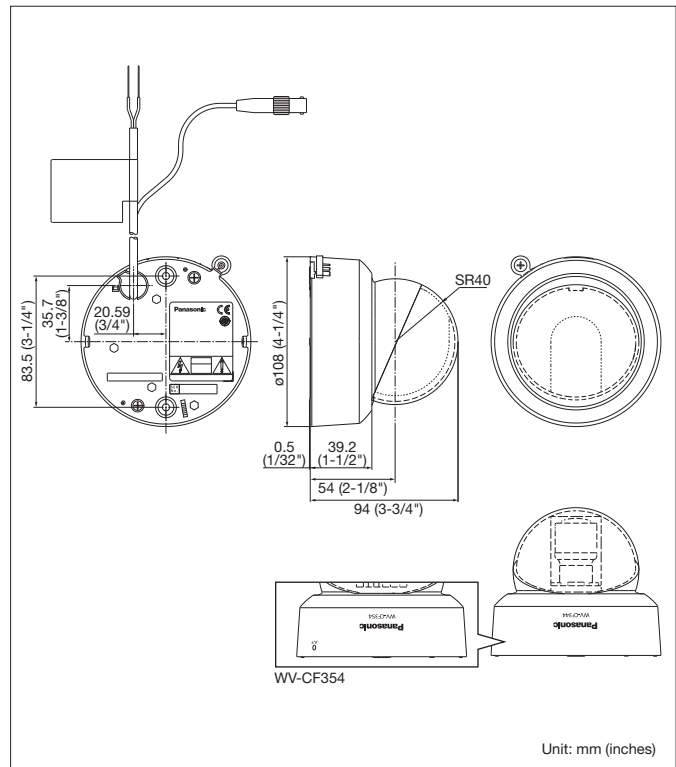Embedded Ceiling Mount Bracket
WV-Q174

Specifications

TV System		PAL
Camera	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
	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 (Electorical) 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)
Lens	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.) ~ ∞
Input/ Output	Video Output	1.0 V [p-p] / PAL composite 75
	Controller Interface	Coaxial Multiplex System
General	Setup Method	OSD setup menu
	Password Lock	All menus
	Language	English, Russian, German, French, Italian, Spanish, Chinese,
		Japanese
	Safty/EMC Standard	CE (EN55022 ClassB, EN55024), GOST (GOST R 51558)
	Power Source and Power Consumption	12 V DC, 180 mA / 24 V AC, 50 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
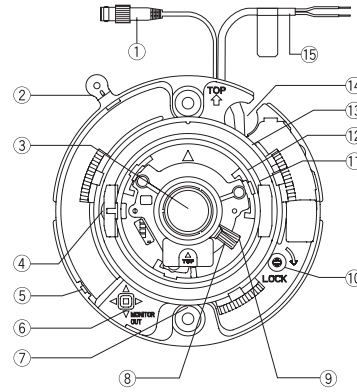
① Video Output Connector
② Top Cover Fixing Screw
③ Lens
④ Tiltling Lock Screws
⑤ AF SW
⑥ Set Up SW
⑦ Monitor Output Jack
⑧ Focus Lock Lever
⑨ Zoom Lock Lever
⑩ Panning Table Lock Screw
⑪ Azimuth Adjuster
⑫ Tilting Table
⑬ Panning Table
⑭ Wire Hole
⑮ Power Cable

Appearance

WV-CF354

Unit: mm (inches)

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