Day/Night Fixed Dome Camera

WV-CF300 Series

---

**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) / 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 alphanumeric 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 °

**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
- Window Width: 24 mm (0.94"
- Scanning Mode: 3:1 interlace
- Scanning Area: 4.8 x 3.5 mm
- Scanning Frequency: 15.6 kHz
- Vertical: 50.00 Hz
- Horizontal Resolution: 550 TV lines

**Minimum Illumination**
- Color: 0.08 lx (Sens Up: Off, AGC: High)
- Monochrome: 0.05 lx (Sens Up: Off, AGC: High)

**Electronic Shutter**
- OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000

**Digital Noise Reduction**
- High or Low

**Video Output Connector**
- 1.0 V [p-p] / PAL composite 75

**Lens**
- Focal Length: 2.8 mm ~ 10.0 mm
- Zoom Ratio: 3.6x
- Angular Field of View:
  - WV-CF344/374: 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-CF354: 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**
- 0.5 m (1.64 ft.) ~ ∞

**Input/Output**
- Video Output: 1.0 V [p-p] / PAL, Composite NTSC

**Controller Interface**
- Coaxial Multiplex System

**General**
- Setup Method: OSD setup menu
- Password Lock: All menus
- Language: English, Russian, German, French, Italian, Spanish, Chinese, Japanese
- Power Source: 12 V DC, 180 mA / 24 V AC, 50 Hz, 2.1 W
- Ambient Operating Temperature: 0 °C ~ +50 °C (32 °F ~ 122 °F)
- Ambient Operating Humidity: 90 % or less (without condensation)

**Dimensions**
- 108 x 94 mm (4-1/4" x 3-3/4"

**Mass (approx.)**
- 320 g

**Finish**
- ABS resin / Sail White

### Part Names and Functions

### 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”, “i-PRO” and “i-PRO SmartHD” logos are trademarks or registered trademarks of Panasonic Corporation.

**DISTRIBUTED BY:**

http://panasonic.net/security/

Printed in Japan (0A-083A)