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.

Optional Accessories
- Embedded Ceiling Mount Bracket (Sail white) WV-Q174

The following is used during installation procedures:
- Installation template panel............................... 1 pc.

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

TV System

Camera

Image Sensor 1/3 type interline transfer CCD
Effective Pixels 576 (H) x 352 (V) mm
Scanning Mode 2:1 Interface
Scanning Area 4.8 (H) x 3.6 (V) mm
Scanning Frequency Horizontal: 15.625 kHz
Vertical: 50.00 Hz
Horizontal Resolution 550 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 AWB (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
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 Ratio 3.6x
Angular Field of View WV-CF344 H: 27.8° (Tape) ~ 103.3° (Wide), V: 20.7° (Tape) ~ 73.5° (Wide)
WV-CF354 H: 27.8° (Tape) ~ 103.3° (Wide), V: 20.9° (Tape) ~ 74.3° (Wide)
WV-CF374 H: 27.2° (Tape) ~ 105.9° (Wide), V: 20.7° (Tape) ~ 73.3° (Wide)
Maximum Aperture Ratio WV-CF344/WV-CF354 1.1.3:3.1 (Tape) ~ 3.1 (Tape)
WV-CF374 1:1.3:3.1 (Tape) ~ 3.0 (Tape)
Focusing Range 0.3 m (0.98 ft.) ~ ∞
Adjustable angle range Pan:+180 ° to –170 °
Tilt:+90 °
Azimuth:+120 °

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
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 95% or less (without condensation)
Dimensions ø108 x 94 mm (ø4-1/4” x 3-3/4” (H)) 320 g
Finish ABS resin / Sail White

Part Names and Functions

Appearance

• 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.

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