

MV-CC22-DV / MV-CC23-AC

High Resolution Box Camera's



High-resolution colour makes this camera a great choice for your security initiatives. This camera gives you flexibility and versatility with its ON/OFF software Day/Night, backlight Compensation, dual level AGC features and the choice of 12VDC/24VAC or 230VAC powered units. A simple to operate, yet highly effective surveillance tool.



MV-CC22-DV
MV-CC23-AC



Features

- 550 TVL in normal Mode.
- 570 TVL in Colour Killer (CK) Mode.
- 1/3" Format CCD.
- 0.6 Lux @ F1.2.
- Automatic lens detection.
- CS and C mount Lens Support.
- Indoor/outdoor use, built to IP65.
- **MV-CC22-DV**: Dual Voltage 12VDC/24VAC.
- **MV-CC23-AC**: 230VAC only.
- ON/OFF software Day/Night, backlight compensation.
- Dual level AGC features.

General Specifications

| | |
|---------------------------------|---|
| Image Size | 1/3" Format CCD Sony SuperHAD® Sensor |
| Pixel Element | 768 H x 582 V Approx. 440K Pixels |
| Digital Signal Processor | Sony HQ-1 |
| Scanning Frequency | PAL 2:1 Interlace, H: 15.625KHz, V: 50Hz |
| Operation Temperature | -14°F to 122°F (-10°C to +50°C) |
| Storage Temperature | -4°F to 140°F (-20°C to +60°C) |
| Output Terminal | BNC 75 Ohm Unbalanced |
| Power Input Terminal | 3-Pin Push Lock Terminal Block |
| Power Source | 11~28VDC, 20~28VAC (MV-CC22-DV) 100~250VAC (MV-CC23-AC) |
| Power Consumption | 4W Max |
| Power Indicator | 3ø Green LED on Rear Panel |
| Iris Connector on Rear DC Drive | Video Drive: 3-Pin Push Lock Terminal Block 4-Pin Connector on Side (Panasonic®Standard) |
| Lens Mount | CS to C Mount Adjustable |
| Back Focus Adjust | CS Mount 11mm to C Mount 18mm |
| Dimensions | 67.5mm(W) x 58.5mm(H) x 133.5mm (L) 2.65"(W) x 2.3" (H) x 5.26"(L) |
| Weight | 460g net, / 16oz netd |

Video Specifications

| | |
|----------------------|--|
| Resolution | Colour Mode 540 TV lines CK Mode 570 TV Lines |
| Minimum Illumination | 0.6Lux @F1.2 (50 IRE Video Output) |
| Video Output 1.0Vp-p | 75 Ohm BNC unbalanced |
| S/N Ratio | 50dB |
| AGC Turbo Gain | 36dB |
| AGC Preset Gain | 30dB |
| H Aperture | 10IRE (r 0.45 100 IRE Video Output) |
| V Aperture | 10IRE (r 0.45 100IRE Video Output) |
| Gamma Compensation | 0.45 |

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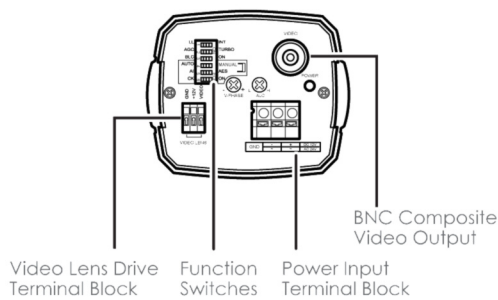
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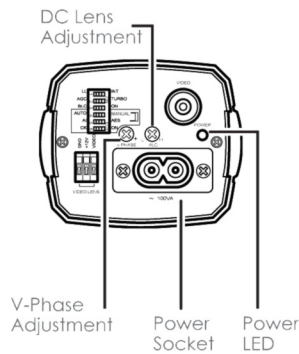
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Detailed Specification



Rear Panel Connections (AC/DC low voltage)



Rear Panel Connections (AC mains)

Functional Specifications

| | |
|-------------------------|---|
| Exposure Control | Auto Detect: Auto Electronic Shutter / Video Auto-Iris / DC Auto-Iris |
| AES | Auto Luminance Control 1/50 to 1/100000 Sec Auto |
| Auto Iris | Control Video Drive/ DC Drive Separate Output |
| Video Iris Output | 1.0Vp-p (100 IRE Video Output) |
| DC Iris Output | 650mV at 85 Ohms |
| Backlight Compensation | Centre Area for Auto-Iris and AES |
| White Balance | Auto White Balance 2500°K to 9500°K |
| Frequency Range | 50Hz+/-1Hz |
| AGC Boost | Enhanced AGC Gain to Max 36dB |
| Lock Phase Adjust Range | 0° to 270° |
| Synchronization | Internal /Line Lock Line |

Video Specifications

| | |
|----------------------|--|
| Resolution | Colour Mode 540 TV lines CK Mode 570 TV Lines |
| Minimum Illumination | 0.6Lux @F1.2 (50 IRE Video Output) |
| Video Output | 1.0Vp-p |
| S/N Ratio | 75 Ohm BNC unbalanced 50dB |
| AGC Turbo Gain | 36dB |
| AGC Preset Gain | 30dB |
| H Aperture | 10IRE (r 0.45 100 IRE Video Output) |
| V Aperture | 10IRE (r 0.45 100IRE Video Output) |
| Gamma Compensation | 0.45 |

Function Control

| | |
|-----------------------------|--|
| Day/ Night Exposure Control | ON/ OFF Switchable |
| Backlight Compensation | ON/OFF Switchable |
| AGC Selectable | AGC Normal/AGC Extended |
| Synchronization | INT/LL Switchable on Rear Panel |
| V-Phase | Via Resistor on Rear Panel Lens |
| Level Control | Via Resistor on Rear Panel for DC Drive Lens |

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