

# 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 ( <b>MV-CC22-DV</b> ) 100~250VAC ( <b>MV-CC23-AC</b> )
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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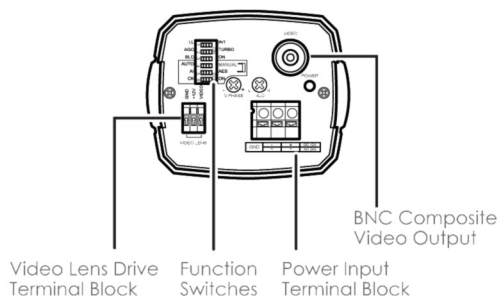
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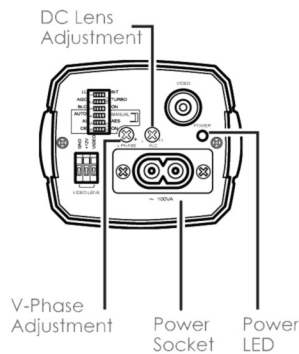
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### Detailed Specification



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
AGC Turbo Gain	50dB
AGC Preset Gain	36dB
H Aperture	30dB
V Aperture	10IRE (r 0.45 100 IRE Video Output)
Gamma Compensation	10IRE (r 0.45 100IRE Video Output)
	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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