

CV225-MB/M Quick Start Guide

Full HD Lipstick 2.5MP IP67 rated Weatherproof Camera with 3GSDI, HDSDI & RS485 operability

LCDracks.com



Do not use the camera if fumes, smoke or a strange odor is emitted from the unit, or if it seems to not function correctly. Disconnect the power source immediately and consult your supplier.

Always follow the instructions in the installation guide when applying power. Fire and equipment damage can occur if power is applied incorrectly. For the correct power supply, refer to the specification sheet.

Do not install or operate in small, unventilated areas. Heat build up can significantly reduce the performance and operating life of the product and may cause a fire.

To prevent damage, do not drop the camera or subject it to strong shock or vibration.

If installed close to a TV, radio transmitter, magnet, electric motor transformer or audio speakers the magnetic field generated may interfere with or distort the image.

Whether or not the camera is used outdoors, never point it toward the sun. Use caution when operating the camera in the vicinity of spot lights or other bright lights and light reflecting objects.

Do not use the camera in extreme environments where high temperatures or high humidity exists. Use the camera under conditions where temperatures are between 14°F ~ 122°F (-10°C ~ 50°C), and humidity is below 90%.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference,
 (2) This device must accept any interference received, including interference that may cause undesired operation.

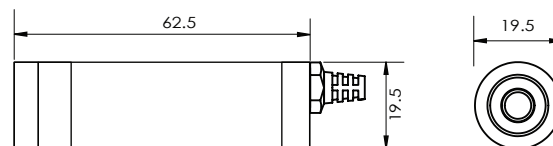
Features

- 1/3" 2.5 Megapixel CMOS Progressive Scan Sensor
- Weatherproof IP67 rated Housing for outdoor applications
- 3G/HDSDI (BNC): SMPTE 292M, SMPTE424M
- 0.2Lux (Day Color), 0.1Lux (Night B/W), 0.005Lux (DSS On)
- Optical Multi Coated ICR Filter
- WDR / BLC, 3D-DNR, Digital Image Stabilizer, Flicker-less, Defog
- Fine tune control for Black Level and Gamma
- Full OSD control & RS-485
- 12VDC

Connectors



CV225-MB/M Dimensions



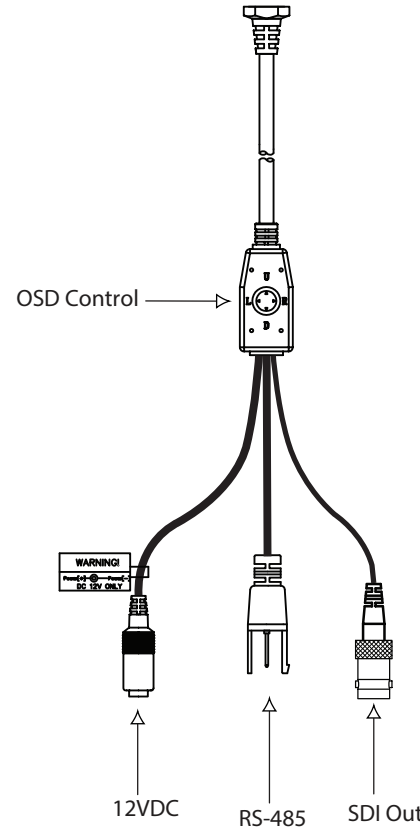
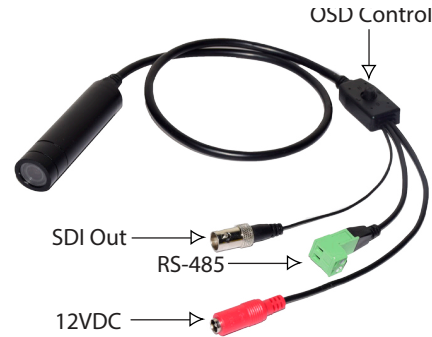
Design and specifications are subject to change without notice.

CV225-MB/M Specifications

Sensor	Sensor	1/3" Progressive CMOS (Approx. 2.5 mega)
	Scanning System	16:9 Progressive
	Sync. System	Internal
	Effective Pixel	1920(H) x 1080(V)
	Min. Illumination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (DSS on)
	Horizontal Resolution	1,000TVL
Optics	Lens	Fixed HD lens
Functions	Back Light Compensation	WDR/BLC HLC (High Light compensation)
	Exposure	Auto / Manual
	White Balance	Auto (3,000°K~8,000°K)
		ATW (1,900°K~11,000°K) Manual
	Day & Night System	AGC / TDN (ICR)
	Electronic Shutter	NTSC: 1/30~1/30000 PAL: 1/25~1/30000 DSS (-X64)
Functions	Privacy Mask, Image Mirror, 3DNR, Flickerless Sharpness, Defog, DIS (Digital Image Stabilizer) Motion Detection, DSS (Digital Shutter Speed)	
Video Output	SDI (BNC)	SMPTE 292M (1.485Gbps) MB model: 1080p29.97, 1080i59.94, 720p59.94/29.97fps M model: 1080p25/30, 1080i50/60, 720p25/30/50/60fps
		SMPTE 424M (2.97Gbps) MB model: 1080p59.94fps M model: 1080p50/60fps
		800mVp-p, 75Ω, unbalanced generator (single-ended)
Control	RS-485	PELCO-P/D, SONY-VISCA Protocol 8Bits Data, 1Stop Bit, No Parity, 2400~115200bps
General	Operation Temperature	-10° ~ 50°
	Power Input	12VDC (7VDC to 15VDC)
	Power consumption	Max 6W
	Dimensions (W X H X D)	19.5 X 19.5 X 62.5mm / 0.76 X 0.76 X 2.46"
Net Weight	Approx. 80g/0.17Lbs (With Cable)	

CV225-MB/M Camera Setup

CV225-MB (Signal type: 1080i/p 59.94)



PRECAUTIONS

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REGULATORY NOTICE

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FEATURES

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- Optical Multi Coated ICR Filter
- WDR / BLC, 3D-DNR, Digital Image Stabilizer, Flicker-less, Defog
- Fine tune control for Black Level and Gamma
- Full OSD control & RS-485

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	Sync. System	Internal
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Optics	Horizontal Resolution	1,000TVL
	Lens	Fixed HD lens
Functions	Back Light Compensation	WDR/BLC
	Exposure	HLC (High Light compensation)
	White Balance	Auto / Manual
		Auto (3,000°K~8,000°K)
	Day & Night System	ATW (1,900°K~11,000°K)
Video Output	Manual	
	Electronic Shutter	AGC / TDN (ICR)
	Functions	NTSC: 1/30~1/30000
		PAL: 1/25~1/30000
		DSS (~X64)
Control	Privacy Mask, Image Mirror, 3DNR, Flickerles	
	Sharpness, Defog, DIS (Digital Image Stabili: Motion Detection, DSS (Digital Shutter Speec	
General	SDI (BNC)	SMPTE 292M (1.485Gbps)
	CVBS (BNC)	-
		1080p@25/30 or 29.97
		1080i@50/60 or 59.94
		720p@50/60 or 59.94
Control	RS-485	720p@25/30
	800mVp-p, 75Ω, unbalanced generator(singl	
General	Operation Temperature	SMPTE 424M (2.97Gbps)
	Power Input	1080p@50/60 or 59.94
	Power consumption	800mVp-p, 75Ω, unbalanced generator(singl
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DIMENSIONS

