

STANDARD DOME CAMERA: VD120 Series Colour



Key Features

Remarkable Colour reproduction

The essential priority of our Colour cameras is in their supreme picture quality which are very unique and distinct. Our dedicated know-how on reaching the Human-eye performance came true with a long time accumulated hardware and software technology. No wonder it stands for the best in the market.

Professional features & functions

The unit is built with the highest grade Sony Super HAD CCD, version 480 TV Lines of High resolution with an excellent 0.5 Lux of Standard sensitivity or the same with 0.01 Lux of EX-View sensitivity. Professional functions are built-in such as DC Iris Varifocal lens mount option/Audio/Day&Night View/Iris level control/BLC control /AGC control etc.

Outstanding low light sensitivity, Noise free

Brighter than ever at dark illumination, 0.5 lux at F2.0. It cares much for a better view at low lux for even a slightly better lux capability will act a critical security performance in reality.

Crystal clear polycarbonate window

Making the dome curvature with pure transparency and with undistorted image production is the manufacturer's positive preference. The crystal clear Dome window is made of polycarbonate.

Easy Installation

Easy to adjust the metal structured pan/tilt unit inside the dome, easy to change the lens, easy to position the camera, easy to fix the direction of the window, easy to assemble and disassemble the dome, easy to work for the cable connection and strong finish after installation are all about the dome, provided by the scientific mechanism of the design. It is equipped with a variety of housings set that enable the unit be installed at any place inside or outside of the house.

4mm-9mm Vari-focal lens mount

Wide coverage of focal length from 4mm to 9mm provides flexibility for various camera locations. The lens consists of glass to ensure clear picture quality, distortion free and excellent sensitivity.

Extremely Low Power Consumption & Wide working voltage tolerance

It covers DC12V \pm 3V of power input. It gives maximum reliability by producing less heat.

Audio Available (Option)

High sensitive, very clear one way audio is supplied by either internally or externally with a flexible length of audio cable.

IR Sensitivity available (Option)

This is a new solution enabling our colour cameras to work with a separate IR illuminator for DAY/NIGHT view.

Reverse Polarity protection built in

Available in Australia from



Available in New Zealand from



Specification

MODEL(120mm)	VD120CSHR-VF	VD120CSHRX-VF	
	VD120CSHR-VFAI	VD120CSHRX-VFAI	
Image Format (1/3" Color CCD)	1/3" CCD,SONY High Resolution (Super HAD CCD)	1/3" CCD,SONY High Resolution (EX-View HAD)	
Effective Pixels	768(H)X494(V).NTSC 752(H)X582(V).PAL		
H.Resolution	480 TVLines		
Synchronizing system	Internal		
Scanning system	NTSC 525 Lines PAL 625 Lines 2:1 Interlaced		
Video output	1.0Vp-p Composite. 75 Ohms		
S/N ratio	More then 50 dB (AGC Off)		
Min. Illumination	0.5Lux at F2.0	0.1Lux at F2.0	
Shutter Speed	NTSC : 1/60 ; 1/100,000 sec PAL : 1/50 ; 1/100,000 sec		
BLC	Automatic		
Gamma correction	r=0.45		
White Balance	2100K ; 8200K Auto		
Gain Control	4dB~30dB Auto		
Smear Effect	0.005%		
MTBF	80,000 hours		
Power source	DC12V (Tolerance:8V~15V)		
Operating current	130mA w / regulated power input		
Operating Temperature	14℉~122℉ (-10℉C~ + 50℉C)		
Humidity	Within 90% RH		
Measurement(mm)	Refer to dimensions		
Vari-Focal Zoom	Electronic IRIS : 4mm~9mm Vari-Focal (D 92.6φ~39.4φ H 71 φ~31.6φ) : "-VF"		
	Auto DC IRIS : 4mm~9mm Vari-Focal (D 92.6φ~39.4φ H 71 φ~31.6φ) : "-VFAI"		
Weight(Approx.g)	500	510	
Optional Features	IR Sensitivity	Yes	Yes
	Audio	Yes	Yes
	BLC On/Off	On/Off	On/Off
Housing (Option)	Output Terminal	2 Foot DIY cable with BNC-Female for Video, DC Jack-Male for Power	
	Plastic Ceiling/Wall mount	Dome mount PL120 (Plastic wall & Ceiling)	
	Weatherproof Metal Ceiling mount	Dome Mount MT120C (Ceiling mount weatherproof-Metal)	
	Weatherproof Metal Wall mount	Dome Mount MT120W (Wall mount weatherproof-Metal)	

Optional Wall Mount

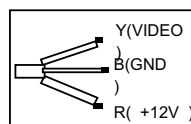
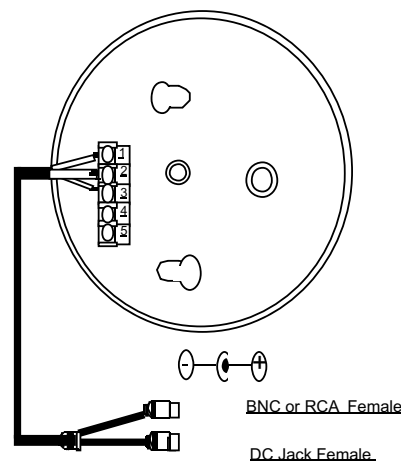
Weatherproof Ceiling Mount



Indoor Wall or Ceiling Mount



Wiring Diagram



LEAD WIRE CONN.

Dimensions

