

Day Night Camera's



CDI Services are proud to introduce the Vista Protos3 1/3" colour / monochrome Camera Range is designed to meet security needs in low light conditions in monochrome, while giving the desired colour image during daylight hours.

Based on the highly successful Protos3 range of cameras, these cost effective day / night models provide with their IR cut filter fitted, exceptional picture quality in both colour and monochrome modes of operation

Providing 380 TV lines resolution with the VPC9032/CM and 580 TV lines from the VPC9132/CM, 24 hour surveillance to an extensive range of applications is readily achievable.

PROTOS3, THE COMPLETE CAMERA SOLUTION

TECHNICAL SPECIFICATIONS

	VPC9032/CM	VPC9132/CM
GENERAL:		
SENSOR	1/3" Super Hyper HAD	
EFFECTIVE PIXELS (H X V)	500 x 582	752 x 582
SENSITIVITY	2 lux (colour) / 0.8 lux (mono)	2 lux (colour) / 1 lux (monochrome)
RESOLUTION	330 TVL (colour) / 380 TVL (mono)	480 TVL (colour) / 580 TVL (mono)
VIDEO OUTPUT	1V pk-pk composite video via 75Ω BNC connector on rear of camera	
CCIR	625 lines of 50 fields per second 2:1 interface	
SIGNAL TO NOISE RATIO	Better than 48dB	
WHITE BALANCE	Auto tracing	
AGC	Built-in 28dB	
ELECTRONIC IRIS	1/150s - 1/1000,000s. Selectable on / off via dip switch	
BLC	Selectable on / off. Weighted to centre third of screen	
GAMMA	Selectable gamma of 0.45 (norm) or 1.0 (linear) via dip switch	
SYNC. SYSTEM	Line lock. Option to switch to internal is provided via dip switch	
ADJUSTABLE V PHASE	±120°	
LENS OPTIONS	C / CS mount	
AUTO IRIS (VID. DRIVE)	Via 3 way, 2 part terminal block at rear of camera	
AUTO IRIS (DC DRIVE)	4 pin square (Chausemen) plug	
INFRA RED	IR cut filter fitted	
POWER:		
LOW VOLTAGE	11-40V DC or 14-30V AC	
INPUT POWER ISOLATION	Fully isolated	
CONSUMPTION	<4W	
PHYSICAL:		
MATERIAL	Die-cast zinc lens mount, extruded aluminium body, flame retardant ABS plastic front trim, rear bezel & door	
LENS MOUNT	C / CS via tracking focus mechanism with 2 adjustment points (top & side)	
CAMERA MOUNT	1/4" - 20 UNC or 1/4" BSW (top or bottom)	
OPERATING TEMP.	-10° - +50°C (14 -122°F)	
CAMERA DIMS. (LXWXH)	140 x 67 x 60mm	
NETT WEIGHT	0.5Kg	
GROSS DIMS.		
GROSS WEIGHT		

IDEAL FOR APPLICATIONS SUCH AS:

- Retail Parks
- Industrial Sites
- Offices
- Bars and clubs.

MAIN FEATURES:

- Sony SuperHAD CCD chip
- IR cut filter fitted
- High/Standard resolution option
- Variable voltage PSU - 14-30V AC, 11-40V DC
- CCIR/PAL slot
- AI/DD/EI lens drive
- C/CS mount

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Providing bespoke solutions for the **C**ommercial, **D**omestic and **I**ndustrial market is our speciality.



Standard lenses are not optimized for effective 24 hour surveillance as it is often only possible to focus the lens either for daylight operation or night time operation, but not both. However, IR corrected lenses do not suffer from such focussing issues and are able to capture quality images both during the day and under visible, or non visible infra red lighting at night.

The lens aperture is able to operate between 2.8 and 11mm which gives the user an extremely flexible range of viewing options that can be locked by using the locking mechanism on the lens housing.

IDEAL FOR APPLICATION

- . Retail outlets
- . Warehouses
- . Commercial premises
- . Anywhere where white or infra red lighting is being used

MAIN FEATURES:

- . No focus shift between visible light and infra red illuminated scenes
- . Varifocal 2.8 to 11mm
- . Direct drive
- . High quality optics

Ideal for any application, the robust, IP66 rated die-cast Aluminum housing provides the camera with the necessary protection from a demanding environment.

The internal camera cavity is simply accessed by loosening 2 screws with cable conduits led out through either full or semi cable managed bracket.



The attractive marine finished of the Vista infrared lamps belies the extremely robust nature of their unit lying beneath.

Manufactured to an impressive IP66 rating, the units epoxy coated aluminium casing is imperious to attack from even the most hostile of environmental conditions.

Effective camera operation needs more than just the right camera. Its positioning, housing and fixings need to be right too. Whether you need pan and tilt units, the tallest towers, or IR lighting, you can source it from CDI Services.

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