

# VISTA VANDAL RESISTANT RANGE OF LED DOME CAMERAS



## TRUE DAY/NIGHT OPERATION WITH BUILT-IN INFRA-RED LIGHTING

The Vista vandal resistant range of LED dome cameras offers the user a high performance solution to applications where there is a threat of tampering or damage. Tested to be resistant to the blow from a 10lb sledge hammer, the range is also rated to IP66, making it highly resistant to dust and water ingress.

The range benefits from 24 integrated Infra-Red LEDs, so no additional lighting is required for clear night-time viewing at a range of up to 20m. A sophisticated design means that the LEDs give evenly spread light with zero reflection, back from the lower bubble onto the lens, to interfere with the image captured.

Two built-in photocells trigger the LEDs as well as the camera's movable IR cut-filter at a selectable ambient lighting level to ensure the very highest quality image capture. Because the LEDs are an integral part of the camera's 3-axis gimble, a perfect light source is guaranteed every time no matter where the camera is pointing. The range is also perfect for covert surveillance as the light source is not visible to the naked eye.

The stylish and discreet cool grey (RAL7035) casing allows the range to blend in with almost any environment

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



### Key Features:

#### Integrated Infra-Red LEDs

24 integrated LEDs provide illumination up to 20m, with no light reflected back on the lens. An intelligent light management facility lowers the LED intensity as objects come closer to the camera, ensuring the image is correctly exposed at all times

#### 3-axis gimble mechanism

This feature greatly enhances the mounting options for the installer by allowing mounting directly onto a wall to ensure that the user will achieve the desired views

#### Varifocal direct drive lens

The 2.6-6mm and 4-9mm lens options give a wide choice when selecting field of view coverage

#### 12V DC/24V AC

The auto-sensing power supply automatically matches the voltage used, greatly increasing the flexibility and potential distance used from power source

#### IP66

This gives a high level of waterproofing, even under a direct, high pressure jet of liquid

THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE:

VVRD4V9DN/LED	1/3" vandal resistant 3-axis day/night fixed dome, built-in IR LEDs, 470/570TVL, 4~9mm lens, RAL7035 case, surface mount
VVRD2V6DN/LED	1/3" vandal resistant 3-axis day/night fixed dome, built-in IR LEDs, 470/570TVL, 2.6~6mm lens, RAL7035 case, surface mount

## TECHNICAL SPECIFICATION

### GENERAL

Sensor	1/3" CCD
Resolution	470/570TVL day/night
Sensitivity	0.5/0.0 lux day/night
Signal/Noise ratio	50dB (AGC off)

### LENS

Type	Built-in 4~9mm or 2.6~6mm Varifocal Direct Drive, F1.2
Viewing angle	VVRD4V9 - 26°~60° VVRD2V6 - 41°~80°

### CONTROLS

BLC	On/Off
AGC	On/Off (high/low)
Day/Night	Auto/Manual modes
Shutter speed	Auto - 1/50~1/100,000 Manual - 1/20, 120, 250, 500, 1000, 2000, 4000
White balance	Low/AWB
Synchronisation	Internal & line lock
Vert. phase adjust	Adjustable (POT)
Flickerless switch	On/Off
Dome types	Surface mount

### PHYSICAL

Camera mounting	3-axis gimble
Dimensions	114(Dia)x94.5(H)mm
Weight	590g
Material	Casing - cast aluminium Bubble - lexan
Colour	RAL7035

### ELECTRICAL

Power supply	12V DC/ 24V AC
Power consumption	3.5W (LED off) & 5W (LED on)

### ENVIRONMENTAL

Operating temperature	-10°C to +50°C
Weatherproofing	IP66

## RELATED PRODUCTS

### BRACKETS

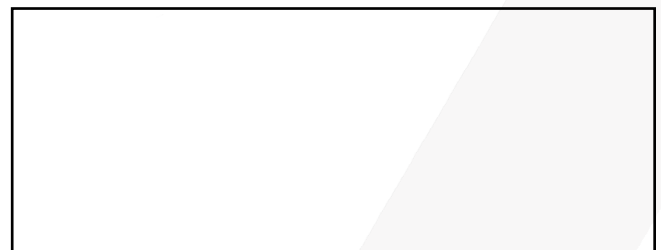
VVRD-WB	Wall mount bracket
VVRD-PB	Pendant mount bracket

### HEATER

VVRD-3AHTR	Heater assembly for colour and day/night domes
------------	--

### POWER SUPPLY UNITS

VPSU1000/12	12V DC, 1Amp PSU
VPSU24AC750	24V AC, 750mA PSU



Ref: DS-VVRDled-version 1