

# VISTA VANDAL RESISTANT DOMES WITH BUILT-IN IR LED LIGHTING



## LOOKING FOR A HARD CASE?

The VVRD-540 LED range offers users 540TVL resolution, on-screen display and a range of enhanced features. Each camera offers multiple switching point levels between day and night time modes allowing the installer to match the capabilities of the camera with the requirements of the site and the expectations of the end-user.

24 in-built LEDs are linked to the IR cut filter to ensure that the camera turns to monochrome at the same time the LEDs illuminate. The filter delay feature is adjustable between 4 and 10 seconds to ensure the camera will not switch on or off during momentary reductions or increases in lighting levels. The cameras also have the ability to be manually switched to monochrome mode with the LEDs on. This is useful in dimly lit areas where it is important to continually light the immediate area.

The 540TVL resolution makes the most of the latest DSP technology to provide around 13% higher resolution than previous models. In response to increasing concerns regarding the protection of sensitive information, four privacy zones allow for four separate areas to be blanked from view on screen, ideal for any cameras viewing ATM and chip and pin machines.

The new on-screen display menu structure adds functionality and simplifies installation and set up, while the x32 sens up allows for greatly increased sensitivity with frame integration allowing the cameras to resolve images even in very low light conditions. Digital Noise Reduction (DNR) provides clearer, crisper images in all lighting conditions.

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



### Key Features:

#### Excellent image quality of 540TVL

Offers a 13% improvement in image quality over previous models

#### Resolve difficult and challenging lighting conditions

Manual and automatic settings for both electronic shutter speeds and white balance modes enable the installer to adjust the camera and ensure correctly balanced images

#### Protecting sensitive and personal information

4 user-selectable privacy zones ensure that personal and sensitive information remains protected

#### Service monitor connection

A test monitor output connection allows the installer to fully set-up the dome without disturbing the pre-installed video cable

#### True day/night operation with multiple switching points

With 18 user-selectable automatic switching points or the option for manual control via an external input, the installer can ensure that the camera switches at the correct lighting levels

#### Full IR sensitivity

Removing the IR filter provides greater sensitivity and operation with IR illumination

#### Sens up

Allows the camera to combine consecutive fields of video to provide clearer images in low light conditions

#### 24 x 850nm internal LEDs

Provide discrete illumination (0 lux) up to a distance of 25m (dependent on reflective scene content)

## THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE

VVRD4V9DNLED-540	4-9mm day/night 540TVL vandal resistant dome
VVRD2V6DNLED-540	2.6-6mm day/night 540TVL vandal resistant dome

## TECHNICAL SPECIFICATION

### PHYSICAL CHARACTERISTICS

Case material	Housing (aluminium) Window (lexan)
Colour	RAL 7035
Dimensions	114 dia x 94.5mm surface
Window size	88mm in diameter
Weight	0.668kg
Dome type	Surface mount
Camera mounting	3-Axis gimble

### LED OPTION

LEDs	24
LED range	Max 25m reflected light
Photocells	2 (work on an AND basis)

### ELECTRICAL CHARACTERISTICS

Operating Voltage	12V DC / 24V AC $\pm 10\%$
Power consumption	5W
IP Rating	IP669

### CAMERA CHARACTERISTICS

Sensor	1/3"
Resolution	540 / 580TVL day/night option
Sensitivity	0.5Lux day / 0.04Lux (LEDs off) night (LEDs on 0 Lux)
Pixels	792x596
Signal to noise Ratio	50dB AGC off
Lens options	2.6-6mm 4-9mm

### OSD MENU

Lens	DC/ELC
Brightness	0 - 60
BLC	On/off
AGC	Off/low/middle/high
Sense-up	Off x2/x4/x8/x16/x32
White balance	ATW/AWC/manual
Day/night switch	Auto/day/night
Privacy zone	Off/on (4 point)
Display title	Off/on
Sharpness	0-15
Zoom	Off/on (x8)/Pan & Tilt (x2)

## ASSOCIATED PRODUCTS

00442910	VPDL-WB/PSU	Combined wall bracket and AC 24V power supply
0098620	VVRD-WB	Wall mount bracket for VVRD range
0098630	VVRD-PB	Pendant mount bracket for VVRD range
0443350	VDM-CMAf	Corner Mount adapter for VVRD-WB
0398770	VVRD-3ALEAD	Service lead for VVRD-540 domes



No liability will be accepted by Vista for any errors or omissions in this information.

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