

# VISTA VFD3V9 3-AXIS VARIFOCAL FIXED MINI DOME RANGE



## HIGH RESOLUTION IMAGE CAPTURE FOR DISCREET APPLICATIONS

The VFD3V9 3-axis range of fixed mini domes offers overt yet discreet surveillance, giving peace of mind without undue intrusion. Because of the sleek design and different colour options for casing and liner, they are able to blend in with all environments.

The 3-axis gimble mechanism allows the camera to rotate fully in 3 different planes. This ensures that the optimal and correctly aligned image is captured even when installed on angled and vertical surfaces, such as walls. At 480 TV lines or 540 TV lines resolution (colour) and 580 TV lines resolution (monochrome), the domes offer fantastic picture quality for a huge range of applications.

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



### Key Features:

#### 540/580 TV lines resolution

540 TV lines resolution (colour) and 580 TV lines (monochrome) ensures sharp, high quality images

#### 3-axis gimble

Allows both ceiling and wall fixing to be fully and correctly adjusted and aligned, without the need for additional bracketry

#### 3~9mm, F1.2 varifocal direct drive lens

The selectable field of view allows the camera to be set up to meet the majority of site requirements whilst the low 1.2 F-stop maximises low light performance

#### Sleek design, rugged build

Black or white casing and liner colour options with a choice of clear, smoked or chrome dome bubbles, coupled with stylish design make the range suitable for almost all internal environments

#### Service jack with test lead (540TVL colour models only)

The incorporated service jack and test lead facilitate quick and accurate camera set up with a test monitor even when fully installed without the need to access the rear of the unit, making installation simple

THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE:

<b>VFD3V9M-580BCB</b>	1/3" high resolution monochrome 3-axis fixed mini dome, 580TVL, 0.1 lux, 3~9mm lens, black casing, clear bubble, black liner, 12V DC
<b>VFD3V9C-3A</b>	1/3" high resolution colour 3-axis fixed mini dome, 480TVL, 1.0lux, 3~9mm lens, black casing, clear bubble, black liner, 12V DC
<b>VFD3V9C-540BMB</b>	1/3" high resolution colour 3-axis fixed mini dome, 580TVL, 1.0lux, 3~9mm lens, black casing, mirrored bubble, black liner, 12V DC
<b>VFD3V9C-540BCB</b>	1/3" high resolution colour 3-axis fixed mini dome, 580TVL, 1.0lux, 3~9mm lens, black casing, clear bubble, black liner, 12V DC
<b>VFD3V9C-540BSB</b>	1/3" high resolution colour 3-axis fixed mini dome, 580TVL, 1.0lux, 3~9mm lens, black casing, smoked bubble, black liner, 12V DC
<b>VFD3V9C-540WCW</b>	1/3" high resolution colour 3-axis fixed mini dome, 580TVL, 1.0lux, 3~9mm lens, white casing, clear bubble, white liner, 12V DC
<b>VFD3V9C-540WSB</b>	1/3" high resolution colour 3-axis fixed mini dome, 580TVL, 1.0lux, 3~9mm lens, white casing, smoked bubble, black liner, 12V DC

## TECHNICAL SPECIFICATION

### GENERAL

<b>Image sensor</b>	1/3" Sony SuperHAD CCD
<b>Video output</b>	1.0 Vp-p/75Ω composite
<b>Scanning system</b>	625 lines, PAL, 2:1 interlace
<b>Horizontal resolution</b>	Monochrome: 580TVL Colour: 480 / 540TVL
<b>Sensitivity</b>	Monochrome: 0.1 lux Colour: 1.0 lux
<b>Signal processing</b>	DSP
<b>Active pixels</b>	440,000
<b>Signal to noise ratio</b>	>48dB AGC off
<b>Synchronisation</b>	Internal/line lock
<b>Shutter speed</b>	Automatic 1/50 - 1/100,000
<b>BLC</b>	On/Off
<b>AGC</b>	On/Off

### LENS

<b>Type</b>	Built-in 3~9mm Varifocal Direct Drive, F1.2
<b>Viewing angle</b>	Between 31.6° and 71° (Horizontal)

### CONTROLS

<b>BLC</b>	On/Off dip switch
<b>AGC</b>	On/Off dip switch

### CONNECTORS

<b>Input power</b>	Screw terminal plug (1m fly-lead)
<b>Composite video out</b>	BNC (1m fly-lead)
<b>Service jack</b>	2.5mm jack, auto sensing (1m fly-lead) (540TVL colour models only)

### PHYSICAL

<b>Mounting</b>	Wall/Ceiling,
<b>Camera positioning</b>	3-axis gimble
<b>Dimensions</b>	104(Dia)x80(H)mm
<b>Weight</b>	229g
<b>Shipping weight</b>	377g
<b>Colour</b>	Black or white casings available (see specific model information)

### ELECTRICAL

<b>Input voltage</b>	10.8 -13.8V DC
<b>Power consumption</b>	6W maximum

### ENVIRONMENTAL

<b>Operating temperature</b>	5°C to +40°C, Suitable for indoor use only
<b>Storage temperature</b>	-10°C + 60°C
<b>Humidity</b>	20%-80% non-condensing

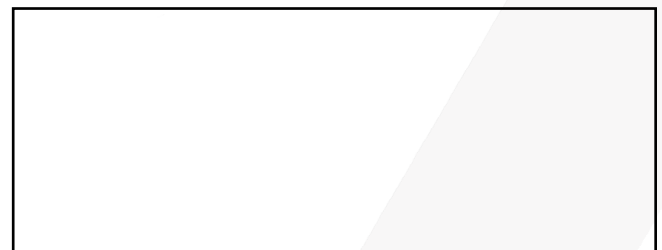
## RELATED PRODUCTS

### BRACKETS

<b>VFDWBB</b>	Black wall mount bracket
<b>VFDWBW</b>	White wall mount bracket
<b>VFDPBW</b>	Black pendant mount bracket

### POWER SUPPLY UNITS

<b>VPSU500/12</b>	500mA, 12V DC, 2.1mm plugged PSU
<b>VPSU12VDC8X500</b>	8 x 500mA metal boxed PSU



Ref: DS-VFD-3-version 1