

DATASHEET

VFDA28V12HDA

1080P HIGH DEFINITION ANALOGUE INTERNAL DOME







Key Features:

Full HD imaging

Full HD 1920x1080 resolution in TVI or AHD formats ensures excellent images over the coax

Triple format

A single output provides 1080p or 1000TVL in CVBS to ensure compatibility with modern and legacy DVRs

Local or remote OSD set up

Access the comprehensive OSD either from the tact switch or over the coax with a compatible TVI/AHD DVR, making image adjustments and privacy zones set up quick and easy

Discrete design

An aesthetic dome design compliments the majority of internal applications

Dual voltage

The ability to use 12VDC or 24VAC power supplies increases flexibility in areas of use

The VFDA28V12HDA is a discrete, fixed internal dome camera, capable of providing full HD 1080p resolution in TVI High Definition Analogue (HDA) format, over the coax cabling. With a wide range of features, it is suitable for many internal applications.

Crystal clear images are provided via the 2.8-12mm 2MP lens and the VFDA28V12HDA incorporates a comprehensive On Screen Display (OSD) menu. Accessible features include DWDR to provide balanced images in areas where there are contrasting scenes of view, along with Automatic Gain Control (AGC), Back Light Compensation (BLC), peak white inversion and 4 user defined privacy zones. The OSD is accessed locally from the tact switch, or over the coax if used with a compatible HDA DVR, making image set up and adjustment very easy for both installation and any servicing adjustments. Switching between the TVI/AHD/CVBS formats is quick and simple, aiding with the support of legacy DVR/control equipment support and a simple upgrade path to HD images on existing analogue systems once the DVR is upgraded.

The 'all-in-one', design of the VFDA28V12HDA, with the optically correct lower bubble and 3-axis gimble further simplifies installation and 12/24V operation allows a variety of power supplies to be used to suit the site application.

TECHNICAL SPECIFICATION

Model	VFDA28V12HDA-xxx
GENERAL	
Resolution	1080p (TVI/AHD) / 1000TVL (CVBS)
Image sensor	1/2.9" Sony CMOS
Operation	True Day Night
Effective pixels	1920 (H) x 1080 (V)
Scanning Freq.	PAL: 15.625KHz(H) x 50Hz(V)
Sync. system	Internal
Video output	1.0Vp-p (75Ω, composite)
S/N Ratio	More than 50dB (AGC off)
Video frame rate	1080p 25/30ips (PAL/NTSC)
Lens	2.8-12mm F1.2-360 2MP (manual Vari-Focal)
Min. illumination	1.0Lux (colour), 0.1Lux (mono)
OSD Control	Tact switch (internally on PCB) or via compatible DVR
Electronic Shutter	Auto or Manual (1/50, FLK to 1/50,000 sec)
DWDR	Off, On (0-8)
BLC	1 x adjustable area
HSBLC (PWI)	4 areas
Day & Night	Auto, Colour, B&W
White Bal.	AWB, ATW, AWC, Indoor, Outdoor, Manual
Motion Det.	4 areas
Privacy	4 areas
AGC	Off, On
2DNR/3DNR	Low, Middle, High
Mirror	Off, On
Brightness	0 - 100
Sharpness	0 - 10
DPC	Live, White, Black
Title	Off, On (15 characters)
Language	EN, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, KOR, JPN, HEB, ARB
Auto Focus	Mode, One shot AF, TDN AF
Title	Off, On (16 characters)
Language	EN, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, KOR, JPN, HEB, ARB
CONNECTIONS/OTHER	
Power	12VDC (-10 to +15%) / 24VAC (+/-10%)
Consumption	2.3W, 190mA @ 12VDC
	2.2W, 90mA @ 24VAC
Power input	2-pin terminal block with 2.1mm jack adaptor
Video outputs	1 x BNC connector (HD & CVBS)
Temperatures	-10 to 50°C (operating) / -20 to 50°C (storage)
Environmental	IP30 & IK00
Humidity	0 to 90% (non-condensing)
Dims. (net)	Φ118.4 x 105 mm(H)
Dims. (gross)	150 (H) x 175 (W) x 175 (D) mm
Weight	350g (net) / 600g (gross)
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Models In This Range

0338700

VFDA28V12HDA-WCB

(White case, Clear bubble, Black liner)

0815550

VFDA28V12HDA-WCW

(White case, Clear bubble, White liner)

0815560

VFDA28V12HDA-BCB

(Black case, Clear bubble, Black liner)

Associated Products

0656110

VFDA-IWMB/W

Internal wall mount bracket (White)

0656120

VFDA-IWMB/B

Internal wall mount bracket (Black)

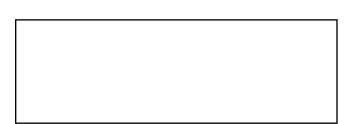
0825400

VCW-IWMB

Int wall mount (White)

0811180 DJBW

Ext/Int dome junction box





CE & RoHS2: 2011/65/EU

No liability will be accepted by Vista for any errors or omissions in this information. Subject to change without notice.

DS - VFDA28V12HDA - Version 1

Approvals





