

DATASHEET

VEFED28V12MHDAW

1080P ANALOGUE MOTORISED EYEBALL CAMERA



The VEFED28V12MHDAW is an Easyfit eyeball style camera capable of providing full HD 1080p resolution in TVI and AHD High Definition Analogue (HDA) formats over the coax cabling. With a wide range of features, it makes it suitable for many internal or external applications.

With motorised pan, tilt and zoom functionality, engineer installation and set up is quick and simple, as once fitted, these are adjusted over the coax from a compatible DVR to get the desired scene of view. This remote set up function also allows adjustments to be made should the site requirements change, saving costly time on site. A comprehensive On Screen Display (OSD) menu, includes Digital Wide Dynamic Range to provide balanced images in areas where there are contrasting scenes of view. The 28 integral 850nm IR LEDs provide up to 25m illumination in low or zero light conditions and the motorised lens auto focuses when switching between colour and monochrome modes to counteract IR focal shift for pin sharp 1080p images both day and night.

With an IP66 housing, the VEFED28V12MHDAW is well suited for internal or external ceiling/soffit applications. Default settings allow it to work automatically out of the box on TVI coax (for image and lens control), with 1000TVL available in CVBS mode, providing legacy DVR/control equipment support and a simple upgrade path to HD images on existing analogue systems once the DVR is upgraded.

Key Features:

Full HD imaging

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

Motorised Pan, Tilt & Zoom

Adjust the pan, tilt and auto focusing 2.8-12mm zoom lens via DVR, making for easier engineer set up and adjustment

Triple format

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

IR illumination

The integral IR LEDs provide covert illumination up to 25m with no reflection

Up the coax OSD set up

Access the comprehensive OSD of the camera via compatible TVI / AHD DVR, making image adjustments and privacy zone set up quick and easy

TECHNICAL SPECIFICATION

Model	VEFED28V12MHD AW
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 25/30fps
Lens	2.8-12mm F1.4-360 (motorized)
Pan & Tilt	Pan: 357o / Tilt: 100o (motorized)
IR	28no 850nm LEDs / 25m
Min. illumination	1.0Lux (colour), 0Lux (mono - IR on)
OSD Control	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.	ATW, AWC, Indoor, Outdoor, Manual, AWB
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
Auto Focus	Mode, One shot AF, TDN AF
Title	Off, On
Language	EN, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, KOR, JPN, HEB, ARB
CONNECTIONS/OTHER	
Power	12VDC (-10 to +15%)
Consumption	350mA, 4.2W @ 12VDC
Power input	2.1mm jack adaptor
Video outputs	1 x BNC connector (HD & CVBS)
Temperatures	-10 to 50°C (operating) / -20 to 50°C (storage)
Environmental	IP66 & IK10
Humidity	0 to 90% (non-condensing)
Dims. (net)	146.8 Ø x 125.1 (H) mm
Dims. (gross)	200 (H) x 195 (W) x 195 (D) mm
Weight	900g (net) / 1.2kg (gross)
Approvals	CE & RoHS2: 2011/65/EU

Models In This Range

0146400
VEFED28V12MHD AW
 1080p motorised eyeball camera

Associated Products

0785200
VPSU12-1000e
 12VDC, 1000mA (12W) encapsulated PSU

0785220
VPSU1221EXTe
 12VDC, 2000mA (24W) IP66, plastic ABS PSU

0480060
RG59/SCC/100
 RG59, solid copper core, 100m

0480070
RG59/SCC/200
 RG59, solid copper core, 200m

0815480
VCW-EWMB
 Ext wall mount (White)

0811180
DJBW
 Ext/Int dome junction box




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

DS - VEFED28V12MHD AW - Version 1

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