VBC28V12MHDAW

1080P HIGH DEFINITION ANALOGUE BULLET CAMERA

HDa

THIS PRODUCT QUALIFIES FOR
3 YEAR ADVANCE REPLACEMENT

The VBC28V12MHDAW is a bullet 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.

Incorporating an auto-focusing, motorised 2.8-12mm zoom lens, this can be controlled either from the tact switch or over the coax from a compatible DVR, making image set up and adjustment very simple. The tact switch also provides access to a comprehensive OSD, including Digital Wide Dynamic Range to provide balanced images in areas where there are contrasting scenes of view. The 42 integral 850nm IR LEDs provide up to 40m illumination in low or zero light conditions and the motorized lens auto focuses between colour and monochrome modes to counteract IR focal shift for pin sharp 1080p images both day and night.

The 3-axis gimble wall bracket allows optimum positioning of the VBC28V12MHDAW, regardless of wall or soffit type installations and 12/24V dual voltage operation provides greater flexibility in the power supplies that can be used. 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, providinglegacy 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 ensures excellent images over the coax

Motorised 2.8-12mm lens
The autofocus, motorised 2.8-12mm lens is controlled by either the tact switch or DVR, making for easier engineer set up and adjustment

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

Long range IR illumination
The 42 integral IR LEDs provide covert illumination up to 40m

Local or remote OSD set up
Access the comprehensive OSD from either the rear of the camera or over the coax with a compatible TVI / AHD DVR, making image adjustments and privacy zone set up quick and easy

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

YOUR PARTNERS IN CCTV

TECHNICAL SPECIFICATION

Model	VBC28V12MHDAW
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 (motorised)
IR	42no 850nm LEDs / 40m
Min. illumination	1.0Lux (colour), 0Lux (mono - IR on)
OSD Control	Tact switch (on underside) or 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 (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	500mA, 6W @ 12VDC 250mA, 6W @ 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	IP66 & IK10
Humidity	0 to 90% (non-condensing)
Dims. (net)	98.4 (H) x 87 (W) x 300 (L) mm
Dims. (gross)	130 (H) x 270 (W) x 190 (D) mm
Weight	900g (net) / 1.3kg (gross)
Approvals	CE & RoHS2: 2011/65/EU

Models In This Range

0811170
VBC28V12MHDAW

Associated Products

0496990
VBC-EPMA/B
Black pole mount bracket

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

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

0785150
VPSU24VAC-750e
24VAC, 750mA (18W) encapsulated PSU

VPSU2444EXTe
24VAC, 4 x 1000mA (24W) IP66, plastic ABS PSU

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

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

CE

DS - VBC28V12MHDAW - Version 1

EMAIL
info@vista-cctv.com

WEB
vista-cctv.com

TEL
+44 (0) 118 912 5000

**Vista, 210 Wharfedale Road,
Winnersh Triangle, Wokingham,
Berkshire RG41 5TP, England.**