

VPC-DNHDA

1080P HIGH DEFINITION ANALOGUE BOX CAMERA



The VPC-DNHDA is a True Day/Night box 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.

This C/CS mount box camera has a comprehensive OSD, including DWDR to provide balanced images in areas where there are contrasting scenes of view, along with AGC, BLC, Peak White Inversion and 4 user defined privacy zones. The OSD is accessed from either the tactile buttons on the rear of the camera, or over the coax if used with a compatible HDA DVR, making image set up and adjustment very easy for installation and any servicing adjustments. On the rear of the camera there is switch, putting the camera into CVBS 1000TVL mode, providing legacy DVR / control equipment support and a simple upgrade path to HD images on existing analogue systems once the DVR is upgraded.

Being a True Day/Night camera, the VPC-DNHDA has a moving IR cut filter, allowing the use of IR illumination to provide HD images in low or zero light conditions. The 12/24V dual voltage operation provides greater flexibility in the power supplies that can be used and the low power consumption lends itself to battery or solar applications.

Key Features:

Full HD imaging

Full HD 1920x1080 resolution in TVI or AHD 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

TDN operation

A switching IR cut filter allows the camera to be used with IR illumination ensuring quality images day or night

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

TECHNICAL SPECIFICATION

Model	VPC-DNHDA
GENERAL	
Resolution	1080p (TVI/AHD) / 1000TVL (CVBS)
Image sensor	1/2.9" Sony CMOS
Mount	C, CS (via back focus)
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
Min. illumination	1.0Lux (colour), 0.1Lux (mono) @ F1.4
OSD Control	Tactile buttons (on rear) 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
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	250mA, 3W @ 12VDC 125mA, 3W @ 24VAC
Power input	2-pin terminal block
Video outputs	1 x BNC connector (HD & CVBS)
Temperatures	-10 to 50°C (operating) / -20 to 50°C (storage)
Environmental	IP20 & IK0
Humidity	0 to 90% (non-condensing)
Dims. (net)	63 (H) x 66 (W) x 124 (D) mm
Dims. (gross)	90 (H) x 185 (W) x 115 (D) mm
Weight	253g (net) / 420g (gross)
Approvals	CE & RoHS2: 2011/65/EU

Models In This Range

0146410
VPC-DNHDA

Associated Products

00471010
VDD24V612P-MP
2.4 - 6mm F1.2, plugged, Megapixel Lens

0785190
VPSU12-500e
12VDC, 500mA encapsulated PSU

0356960
VHE-23HV
Cable managed, side hung, IP66, mains voltage housing

0356970
VHE-23LV
Cable managed, side hung, IP66, low voltage housing

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

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




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DS - VPC-DNHDA - Version 1

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