# HD 960H DAY/NIGHT LONG RANGE IR **BULLET CAMERAS**



## OVER 25% INCREASE IN RECORDED RESOLUTION

Complimenting the Vista Bullet Camera range (VBC), the VBC28V12DN960H & VBC5V50DN960H bullet camera's offer outstanding image quality, based on the new 960H technology to provide class leading 700TVL colour and monochrome images.

With exceptional 700TVL resolution, an internal tactile switch provides access to the OSD for easy camera set-up. With 2DNR & ATR (Adaptive Tone Reproduction - which helps to balance the image in widely contrasting scenes of view), BLC and Peak White Inversion ensuring that a majority of lighting conditions can be resolved. The inclusion of 8 privacy zones, which can be either colour or mosaic, ensures the privacy of the areas masked.

With the 2 models offering the choice of a 2.8-12mm or 5-50mm varifocal IR corrected lens, provide suitability for a wide range of applications, with excellent pictures down to 0.15Lux (colour) @F1.4 and OLux (monochrome) via the integral IR LEDs, that will provide upto 50m illumination in total darknesss (scene dependant), providing high quality images 24/7.

Thanks to the all-in-one design, which combines an externally adjustable 2.8-12mm or 5-50mm varifocal lens, it makes any VBC quick and easy to install with simplistic set-up. The camera comes with a pre-wired 750mm cable, long enough to feed through soffi ts, ceilings and wall cavities. The split glass solution prevents internal reflection of the IR illumination, whilst the fully cable managed, IP66 design allows the cameras to be used in both external and internal environments





# **Key Features:**

## High resolution 960H imaging

Provides class leading 700TVL resolution colour and monochrome images to deliver greater than 25% image quality when used with a 960H DVR  $\,$ 

### True day/night operation

A switching IR cut fi Iter allows the camera to be used with IR illuminationensuring quality images day or night

## Long range IR illumination

Inbuilt LEDs provide covert illumination of up to 50m

## Cable managed bracket & IP rated

The fully cable managed bracket is perfect for wall, ceiling or soffit mounting and the IP66 rating ensures it is suitable for both internal and external environments

#### **Dual voltage operation**

The 12/24V power supply provides greater fl exibility in areas of use

## **MODELS IN THIS RANGE**

0479740 VBC28V12DN960H

960H (700TVL) 2.8-12mm TDN 50m IRLED bullet camera 0479730 VBC5V50DN960H 960H (700TVL) 5-50mm TDN 50m IRLED

bullet camera

### **ASSOCIATED PRODUCTS**

0098260 VPSU1000/12

12VDC 1 x 1000mA output with 2.1mm DC jack plug

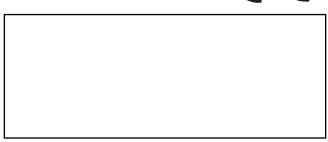
0471510 VPSU1244 0472040 VPSU2444 0472050 VPSU2488

12VDC 4 x 1000mA outputs IP66 24VAC 4 X 1000mA outputs IP66 24VAC 8 X 1000mA outputs IP66

## **TECHNICAL SPECIFICATION**

Model		del	VBC28V12DN960H	VBC5V50DN960H	
	Resolution		700TVL (colour and monochrome)		
G	Image sensor		1/3" SONY Super HAD (960H)		
	DSP		Sony Effio E II		
	Total pixels		1020(H) x 596(V)		
	Effective pixels		976(H) x 582(V)		
	Scanning Syst.		2:1 Interlace		
	Scanning Freq.			PAL: 15.625KHz(H) x 50Hz(V)	
	Sync. system		Internal		
	Video output		1.0Vp-p (75Ω, composite)		
	S/N Ratio		50dB (AGC off)		
	Lens		2.8 - 12mm (F1.4 - 360) 5 - 50mm (F1.4 - 360)		
	Min. illumination		0.15Lux @ F1.4 (colour), 0Lux (mono, IR on)		
	IR Illumination		45 850nM IR LED's, with 1 photocell		
	IR Range		50m		
	OSD Control		Tactile switch		
е	Electronic Shutter		Auto or Manual (1/50 to 1/10,000 sec)		
n e r a l	ATR		Off, Luminance (L, M, H), Contrast (L, LM, M, MH, H)		
	Backlight Day / Night		Off, BLC, HLC (PWI)		
		White Bal.	Auto, Colour, B/W (with IR optimizer) ATW, Push (AWB), User1, User2, Anti CR, Manual, Pushlock		
			4 areas		
	Motion Det. F Privacy		4 zones with 8 selectable colours or mosaic		
	l 'u	AGC	Off, On		
	AGC				
			C V/C		
			12\/DC (-10 to +15%) 24\/AC (+/- 10%)		
C	Consumption (max)		5.1Watts (420mA)	5.5Watts (460mA)	
o n	Power input			th 2 1mm jack adapter	
	Video output		3-pin terminal block with 2.1mm jack adapter BNC connector, Spot Out		
n o	Operating Temp.		-10 to 50°C		
e t	Storage Temp.		-20 to 50°C		
c h t e i r	IP Rating		IP66		
	Dims. (net)		98.4 (W) x 177.5 (H) x 263.5 (D) (inc bracket)		
	Dims. (gross)		140 (H) x 250 (W) x 225 (D)		
	Weight		950g (net), 1500g (gross)		
n	Construction		Cast aluminium		
s	Colour		Cast aluminium Silver		
/	Approvals		CE & RoHS2: 2011/65/EU		
	Typhionals		CE & R0H52: 2011/05/EU		





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