

# VISTA LONG RANGE DAY/NIGHT BULLET CAMERA



## ULTIMATE DAY/NIGHT PERFORMANCE

Quick and easy to install and set-up, the high performance Vista VBC502 dual infra-red long range bullet camera, has the power to deliver the ultimate in day/night performance.

From retail security to large integrated security networks, the Vista VBC502 can be used internally or externally, to provide high resolution 580 TVL colour/700 TVL monochrome imaging, complete with integrated (outboard) IR illumination.

Supplied pre-wired with a 1m cable and cable managed bracket for secure wall, ceiling or soffit mount, the long range day/night bullet camera's compact and discreet design ensures that it will blend into the majority of surroundings. With 12/24 dual voltage operation allowing a wide range of power supplies to be used and the IP66 weather proofing ensures suitability for external applications.

Two fully-adjustable outboard IR pods, each with 35x850nm IR LEDs, provide greater than 50m illumination zero light, whilst a varifocal 2.8-12mm lens delivers 78° - 21° horizontal field of view. Integrated Wide Dynamic Range (WDR) and 3DNR advanced digital noise reduction deliver clearer images in scenes of high contrast and low light. Each unit also features 8 programmable privacy zones, to ensure sensitive surveillance areas do not compromise on camera positioning.

Comprehensive and intuitive on-screen menus ensure minimal set-up time, and rapid installation is assured via an included wall/ceiling mounting bracket and external adjustment of zoom and focus settings.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)



### Key Features:

#### Dual Pod IR illumination

Twin adjustable outboard IR pods equipped with 35x850nm IR LEDs deliver maximum night-time performance, for extended ranges >50m, whilst keeping attracted/nesting insects away from the camera lens for clearer images

#### High quality imaging

580 TVL colour/700 TVL monochrome resolution provides highly detailed images

#### Quick installation

Simple and quick to install via OSD and external zoom and focus adjustment

#### One camera solution

Camera, lens, housing and dual IR illuminators are pre-configured for ease of installation

#### Advanced processing

Integrated WDR and 3DNR provide crystal-clear images, in varying and difficult lighting conditions

THE PROFESSIONAL CHOICE

## MODELS IN THIS RANGE:

0492030 VBC502 1/3 580TVL 2.8-12mm TDN 50m IR WDR 12/24 bullet camera

## ASSOCIATED PRODUCTS

0098260 VPSU1000/12 1000mA PSU 12V DC power supply with 2.1mm DC jack plug  
 0325280 VPSU12VDC4X1000 12V DC power supply 4000mA non plugged  
 0258930 VPSU24VAC/750 24VAC 750mA non plugged power supply  
 0258950 VPSU24VAC4X1000 24VAC 4 x 1000mA non plugged power supply  
 0395740 VPSU24VAC8X1000i 24VAC 8x1000mA Isolated output non plugged power supply

## TECHNICAL SPECIFICATION

Model	VBC502
Signal Format	PAL
Image Device	1/3" SONY Super HAD CCD
Effective Pixels	752(H) x 582(V)
Inter. H/V	15,625KHz(H), 50Hz(V)
Horizontal Resolution	580TVL Colour/700TVL Monochrome
Day/Night Lens	2.8~12.0mm (F1.2)
Minimum Illumination	0.1Lux/F2.0
Camera operation	OSD via tact switch at rear
Gamma	r=0.05 ~ 1.0 (Adjustable)
S/N Ratio	More than 50dB (AGC off)
Sync System	Internal
Video Output	1.0 Vp-p Composite (75 Ohms)
Electronic shutter	1/50 sec
Manual shutter	1/50, FLK, 1/250, 1/500, 1/2000, 1/5000K, 1/10,000, 1/100,000
Sense-up	Off/Auto (X2, X4, X8, X16, X32, X64, X128, X256)
AGC	Off/Low/Middle/High
BLC	OFF/BLC/HSBLC
White Balance	ATW/PUSH/PUSH-LOCK/MANUAL/Indoor/Outdoor
Day&Night	True Day & Night with ICR Mechanism
Motion Detection	4no Zone (On/Off)
Privacy Zone	8no Zone (On/Off)
3-DNR	Off/On (0 ~ 100 Level Adjustable)
D-WDR	Off/Indoor/Outdoor
Image Functions	Freeze/Mirror/D-zoom/Sharpness/Colour gain/Gamma/NEG.Image
OSD Languages	English/French/Dutch/Spanish
IR LED	850nm, total 70 (35 per pod) >50m
IR LED Operation	On : 1 Lux, Off : 3 Lux
IP Rating	IP66 (Waterproof)
Operating Temperature	14°~122°(-10°~+50°)
Storage Temperature	-4°~140°(-20°~+60°)
Power	DC12V -10% ~ +15% % Max 1.A (10.66W) AC24V ±10% (7.2W)
Colour	Pantone Black C
Weight (net)	875g
Weight (gross)	1450g
Unit Dimensions (mm)	175 (W) x 106 (H) x 263 (L) including bracket
Box Dimensions (mm)	355 (W) x 145 (H) x 215 (D)



No liability will be accepted by Vista for any errors or omissions in this information.

DS-VBC502 -version 1