

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 0Lux (monochrome) via the integral IR LEDs, that will provide upto 50m illumination in total darkness (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 soffits, 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 filter allows the camera to be used with IR illumination ensuring 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 flexibility in areas of use

FLEXIBILITY BY DESIGN™

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 | 12VDC 4 x 1000mA outputs IP66 |
| 0472040 | VPSU2444 | 24VAC 4 X 1000mA outputs IP66 |
| 0472050 | VPSU2488 | 24VAC 8 X 1000mA outputs IP66 |

TECHNICAL SPECIFICATION

| Model | | VBC28V12DN960H | VBC5V50DN960H | |
|--|---|--|--|--|
| G e n e r a l | Resolution | 700TVL (colour and monochrome) | | |
| | 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 | | |
| | Electronic Shutter | Auto or Manual (1/50 to 1/10,000 sec) | | |
| | F u n c t i o n s | ATR | Off, Luminance (L, M, H), Contrast (L, LM, M, MH, H) | |
| | | Backlight | Off, BLC, HLC (PWI) | |
| | | Day / Night | Auto, Colour, B/W (with IR optimizer) | |
| | | White Bal. | ATW, Push (AWB), User1, User2, Anti CR, Manual, Pushlock | |
| | | Motion Det. | 4 areas | |
| | | Privacy | 4 zones with 8 selectable colours or mosaic | |
| | | AGC | Off, On | |
| | | Exposure | Auto Iris, Shut+Auto Iris | |
| | | NR (2DNR) | Off, Y, C, Y/C | |
| | | Mirror | Off, On | |
| | | Brightness | 0 - 255 | |
| | | Contrast | 0 - 255 | |
| | | Sharpness | 0 - 255 | |
| | | Hue | 0 - 255 | |
| Gain | | 0 - 255 | | |
| Mirror | | Off, On | | |
| Title | | Off, On (2 x 26 characters) | | |
| Language | | EN / DE / FR / RU / PT / ES | | |
| C o n n e c t i o n s / | Power | 12VDC (-10 to +15%), 24VAC (+/- 10%) | | |
| | Consumption (max) | 5.1Watts (420mA) | 5.5Watts (460mA) | |
| | Power input | 3-pin terminal block with 2.1mm jack adapter | | |
| | Video output | BNC connector, Spot Out | | |
| | Operating Temp. | -10 to 50°C | | |
| | Storage Temp. | -20 to 50°C | | |
| | 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) | | |
| | Construction | Cast aluminium | | |
| | Colour | Silver | | |
| | Approvals | CE & RoHS2: 2011/65/EU | | |



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

VBCDN960H - Version2