

HB73SPX

600 TVL TRUE DAY/NIGHT BULLET CAMERA WITH INFRARED ILLUMINATORS

The Honeywell Performance Series includes a variety of indoor, outdoor and low light cameras for virtually any installation. Ideal for a diverse range of applications, the Performance Series includes a wide range of high performing IR bullet cameras and mini-domes that are easy to install and even easier to use.

The HB73SPX IR bullet-style camera comes standard with IR illumination, making it perfect for 24/7 surveillance. The HB73SPX utilises smart infrared technology. Auto LED brightness adjustment provides even distribution of the IR, eliminating excessive illumination and washed out video. When the ambient light drops below a user-defined threshold, the 18 IR LEDs activate, a mechanical IR cut filter within the camera switches, and the camera changes automatically from colour to black and white, capturing perfect colour pictures by day and clear black and white images at night.

The 3.8 – 9.5 mm F1.4 aspherical Vari-focal Auto Iris lens offers a wide field of view range and no focus shift when the camera switches from day to night mode. Digital Noise Reduction (DNR) removes noise artifacts, increasing the performance of motion detection – giving users the ability to record for longer periods using their existing DVR unit.

The HB73SPX installs quickly and easily. It comes standard with a two-conductor pigtail that connects to the barrel connector so there is no need to cut wires during installation. The mounting bracket installs quickly and securely with three screws on walls or ceilings, indoors or out.

Market Opportunities

The HB73SPX is a cost effective surveillance solution for applications that experience changing light conditions throughout the day and require extra illumination at night. The HB73SPX offers a simple yet solid design that provides optimum performance for both indoor and outdoor applications including lobbies, atriums, vestibules, gated entrances, foyers, loading bays and driveways.

Features

- 1/3" Interline Transfer CCD
- Super high resolution colour: 600 TV lines
- True day/night with 18 LEDs
- Built-in 3.8 – 9.5 mm Vari-focal Auto Iris lens
- Digital Noise Reduction technology for noise free images
- Smart IR for even distribution of the IR to prevent excessive illumination
- Privacy zone, mirror function
- Easy to install mounting bracket reduces installation time
- Waterproof housing with IP65 rating
- Equalisation valve prevents vacuum effect caused by sudden changes in barometric pressure
- IR LED visible range of ~20 m, depending on scene reflectance
- 3-D axis gimbal
- Video out port for set-up
- Two-conductor pigtail is standard for connection to barrel connector
- 12 VDC input

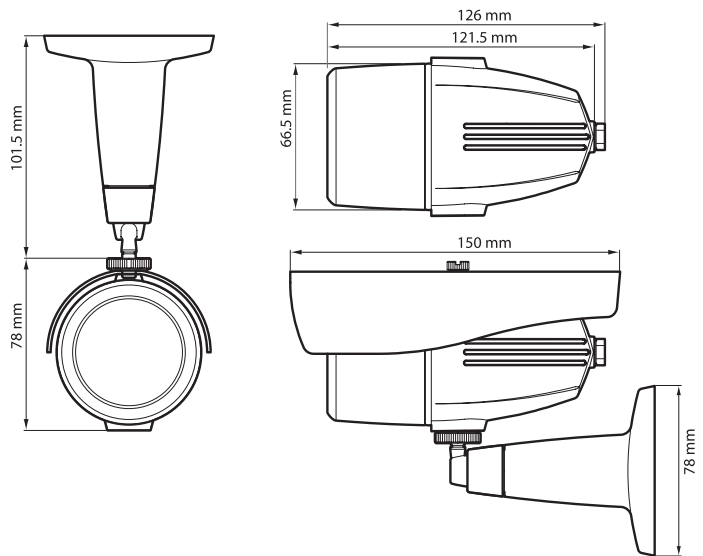


HB73SPX

SPECIFICATIONS:

Operational	
Video Standard	PAL
Scanning System	2:1 Interlace
Image Sensor	1/3" Interline Transfer CCD
Number of Pixels (H x V)	752 x 582 (PAL)
Minimum Illumination	0.3 lux (Colour) / 0 lux (IR LED On)
Horizontal Resolution	600 TVL
Video Output	1.0 Vp-p, composite @ 75 Ohms
Sync System	Internal
S/N Ratio	50 dB (AGC Off)
Auto Gain Control	On, Off (Adjustable)
Automatic Electronic Shutter	1/50 – 1/120,000 second (PAL)
White Balance	ATW, Manual, Push
Digital Noise Reduction (DNR)	Low, Middle, High, Off
IR LEDs	850 nm, 18 LEDs
IR Illumination Distance (dependent on scene reflectance)	~20 m Depending on scene reflectance
SBLC	Low, Middle, High, Off
Day/Night	ired, Colour, B/W
Burst	On, Off
Lens Type	3.8 – 9.5 mm VFAI, F1.4
Angle of View	H: 70.7° - 29.2° V: 90.1° - 37.1°
Electrical	
Input Voltage	12 VDC
Input Range	12 VDC ± 10%
Power Consumption	4.8 W (max, IR on)
Mechanical	
Dimensions (W x H x D)	See Diagram
Weight	0.800 kg max
Construction	Housing: Die Cast Aluminium Dome: Polycarbonate Finish: Light grey powder coating
Connector	Main Video: BNC connector Power Input: 2.1 mm Plug

Environmental	
Temperature	Operating: -20°C to 60°C Storage: -20°C to 60°C
Relative Humidity	0% to 90% non-condensing
Rating	IP65
Accessories	
Power Supply	
PSUPER12VDC	12VDC, 500mA - EU & UK Plug
Regulatory	
Emissions	FCC, CE (EN55022) Class A
Immunity	CE (EN50130-4)
Safety	EU: EN 60065



Ordering

HB73SPX 1/3" CCD Super High Resolution IR Bullet Camera, 600 TVL, 18 LEDs, 3.8 – 9.5 VFAI Lens, 12 VDC, PAL

For additional information:

please visit www.honeywell.com/security/uk

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