

HBD7S

www.honeywellvideo.com

SUPER HIGH RESOLUTION VFAI LENS DAY/NIGHT INDOOR/OUTDOOR BULLET CAMERA

Honeywell's new HBD7S day/night bullet camera delivers high-quality color images during the day and clear black-and-white images in low light. It comes equipped with a 2.8–12 mm varifocal auto iris lens and features 3D motion digital noise reduction (3DNR), resulting in a cleaner picture and giving users the ability to record for longer periods using their existing DVR unit. Digital slow shutter function provides increased light sensitivity, extending the camera's usable range, while digital wide dynamic range (D-WDR) technology provides improved image quality in unevenly lit scenes.

The HBD7S is housed in an IP66-rated weatherproof enclosure and comes with a sunshield and a cable-concealing multidirectional mounting bracket. The camera can be installed to a wall or ceiling in minutes. A local video output is provided for aiming and focusing the camera during setup. The lens field of view and focus are adjusted using externally accessible screw gears. A two-conductor pigtail is included for connecting to the barrel connector so there is no need to cut wires during installation. Setup is quick and easy and can be customized with user-friendly on-screen menus and preset modes.

Market Opportunities

The HBD7S is a cost-effective surveillance solution for applications where low or variable light conditions exist. The HBD7S is suitable for both indoor and outdoor applications, including lobbies, courtyards, vestibules, gated entrances, foyers, loading docks and driveways.

Features

- Super high resolution 650 TVL
- 2.8–12 mm (F1.4) varifocal auto iris lens
- 3D digital noise reduction (3DNR) for noise-free images
- Externally controllable OSD menu for quick setup
- Externally controllable zoom and focus
- Local video output for setup
- 4 programmable motion detection zones
- 8 programmable privacy zones
- Cable concealing mounting bracket
- Weatherproof housing
- Dual voltage: 12 V DC or 24 V AC

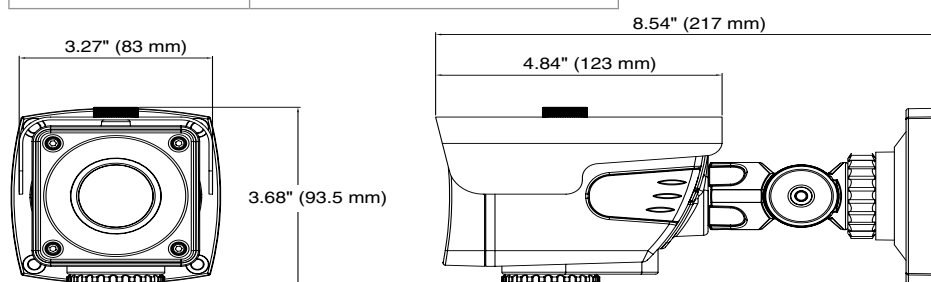


HBD7S

SPECIFICATIONS

Camera	
Video Standard	NTSC, PAL
Scanning System	2:1 interlace
Image Sensor	1/3-inch CCD
Number of Pixels (HxV)	1020 × 508 (NTSC) 1020 × 596 (PAL)
Minimum Illumination (@ 50 IRE)	0.04 lux color
Video Output	1.0 Vp-p @ 75 ohms
S/N Ratio	50 dB or more (AGC off)
Auto Gain Control	Low/Middle/High
Automatic Electronic Shutter	1/60–1/100,000 s (NTSC) 1/50–1/100,000 s (PAL)
Lens Type	2.8–12 mm VFAI, F1.4
Horizontal Angle of View	93° (wide) 28.7° (tele)
Backlight Compensation	Off/BLC/HSBLC
Day/Night	Color/BW/Auto/Ext
DNR	Off/On (level selectable)
D-WDR	Off/Indoor/Outdoor
Motion Detection	4 programmable zones
Privacy Masking	8 programmable zones
Sens-Up	Off/Auto (×2 to ×256)
White Balance	ATW/AWB/AWC-Set/Manual

Electrical	
Input Voltage	12 V DC, 24 V AC
Input Range	11–16 V DC, 17–28 V AC
Power Consumption	250 mA (12 V DC), 120 mA (24 V AC)
Mechanical	
Dimensions (WxDxH)	3.27 × 3.68 × 8.54 in. (83.0 × 93.5 × 217.0 mm) with sunshield
Weight	3.1 lb (1.4 kg)
Construction	Housing: Die-cast aluminum Finish: Charcoal gray powder coat
Connectors	Power input: 2.1 mm plug Video output: BNC connector
Environmental	
Temperature	Operating: –14°F to 122°F (–10°C to 50°C) Storage: –4°F to 140°F (–20°C to 60°C)
Rating	IP66
Regulatory	
Emissions	FCC, EN 55022
Immunity	EN 50130-4
Safety	TBD



Ordering	
HBD7S	Super High Resolution, Day/Night, Indoor/Outdoor Bullet Camera, 1/3" CCD, 650 TVL, 2.8-12 mm VFAI, 12 V DC/24 V AC, NTSC
HBD7SX	Super High Resolution, Day/Night, Indoor/Outdoor Bullet Camera, 1/3" CCD, 650 TVL, 2.8-12 mm VFAI, 12 V DC/24 V AC, PAL

For more information:

www.honeywell.com/security

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