





HBD7S(X) Bullet Camera Quick Installation Guide


Introduction

Thank you for purchasing a Honeywell HBD7S(X) bullet camera. Follow the instructions in this guide to install your camera. To configure the camera settings, refer to the [HBD7S\(X\) Bullet Camera Configuration Guide](#).

Important Safety Instructions

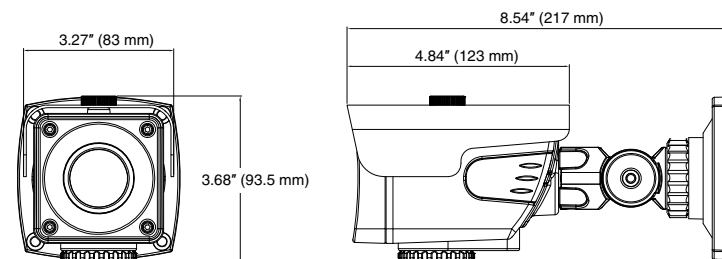
 <div style="border: 1px solid black; padding: 5px; text-align: center;"> CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN </div> 	 <p>THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THE UNIT.</p>
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>THIS SYMBOL INDICATES THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS ACCOMPANY THIS UNIT.</p>

 **WARNING** Installation and servicing should be performed only by qualified and experienced technicians to conform to all local codes and to maintain your warranty.

 **WARNING** This device is configured for 12 V DC or 24 V AC operation. Do not connect to a higher voltage. Use only with NTRL-approved Class 2 power supplies.

- Read and keep these instructions.
- Please ensure that your installation area can safely support the weight of the camera.
- Do not aim the camera toward an extreme light source to prevent damage to the CCD.
- Do not touch the camera lens or bezel (front glass plate).
- Do not drop the camera or subject it to physical shock.
- Do not use a strong or abrasive detergent when cleaning the camera.
- Avoid operating or storing the unit in extremely humid, dusty, hot/cold environments (where the operating temperature is outside the recommended range of 14°F to 122°F [-10°C to 50°C]).

Dimensions



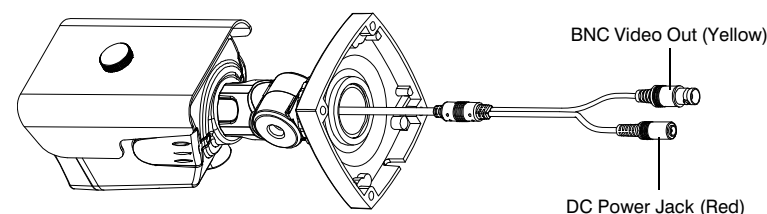
1 Installing the Camera

Before You Begin

Before you begin installing the camera, check that you have received all of the parts listed below. If any parts are missing or damaged, contact your dealer immediately.

- Camera (cable included)
- Manuals
- Video test cable
- DC power pigtail
- Mounting plate
- Focus and zoom adjustment tool
- 4 socket head cap screws
- 4 pan head screws
- 1 hex key

Connecting the Camera Cable



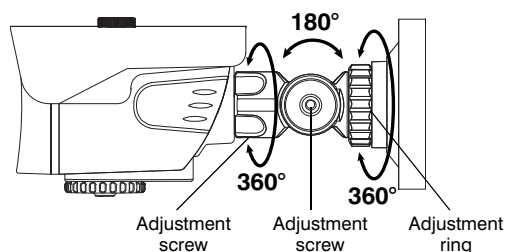
1. Connect the camera's video output to the video input on your monitor or DVR.
2. Connect the camera's power input to a 12 V DC or 24 V AC power supply.

Mounting the Camera

1. Using a Phillips driver (not supplied), attach the mounting plate to the mounting surface (with the foam side facing the wall) using the four supplied 1-inch (25.4 mm) pan head screws,
2. Using the supplied hex key, attach the camera and bracket to the mounting plate using the four supplied 3/8-inch (9.52 mm) socket head cap screws. Ensure that the notch in the bracket base is facing down.

Positioning the Camera

After the camera is mounted, adjust the multidirectional bracket to set the camera's field of view. There are three adjustment points.

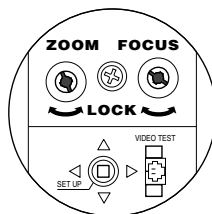


1. Loosen the adjustment screws with the supplied hex key, move the camera to the desired position, and then tighten the screws.
2. Loosen the adjustment ring, move the camera to the desired position, and then tighten the ring.

2 Setting the Focus and Zoom

The focus and zoom controls are located on the underside of the camera.

1. Unscrew the cap on the underside of the camera to access the focus and zoom controls.
2. Connect the supplied video test cable to VIDEO TEST and connect the other end to a portable service monitor.
3. Adjust the camera's focus and zoom settings using the supplied tool. If the focus and zoom adjustment screws do not move freely, loosen the lock screw.
4. Tighten the lock screw to prevent the focus and zoom settings from changing as a result of camera vibration.



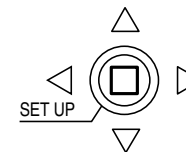
3 Configuring the Camera

The camera is programmed using on-screen display (OSD) menus.

LENS	EXPOSURE	WHITE BALANCE
DC MANUAL	SHUTTER AGC SENSE-UP BLC D-WDR RETURN	ATW AWB AWC->SET MANUAL
DAY&NIGHT	3DNR	SPECIAL
COLOR B/W AUTO EXT	OFF ON	CAM TITLE D-EFFECT MOTION PRIVACY DEFECT DEFOG RETURN
ADJUST	RESET	EXIT
SHARPNESS MONITOR	FACTORY RETURN	

These menus are controlled by the built-in OSD joystick on the underside of the camera (next to the focus and zoom controls).

- Press down and hold the OSD joystick for two seconds to bring up the OSD main menu on the connected monitor.
- Push the joystick up or down to move up or down through the list of menu options.
- Press down on the joystick to enter a submenu (←) or to execute (set) a menu selection.
- Push the joystick left or right to change a menu setting.



Honeywell

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Document 800-15430 – Rev A – 07/2013