AVERTX

4MP IP DOME CAMERA
INDOOR/OUTDOOR WITH NIGHT VISION

HD320 QUICK START GUIDE

INSTALLATION

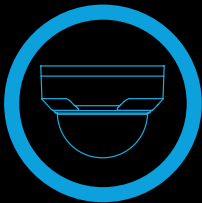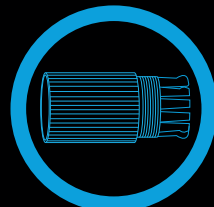### About this Guide

This guide is a quick reference that offers users basic information regarding installation and operation of the HD320 Night Vision Indoor / Outdoor High Definition IP Cameras. For further details on installation and operation, please refer to the User Manual at avertx.com.
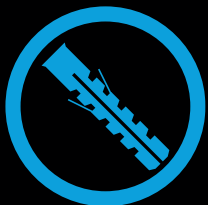
CONTENTS OF CAMERA BOX

Before proceeding, please confirm that the box contains the items listed here. If any item is missing or has defects, DO NOT install or operate the product and contact AvertX for assistance.

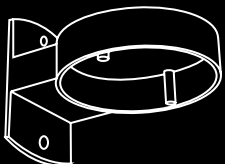HD320 Dome Camera

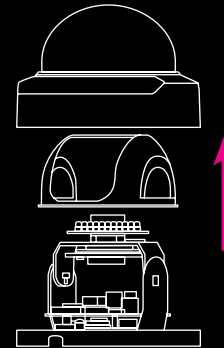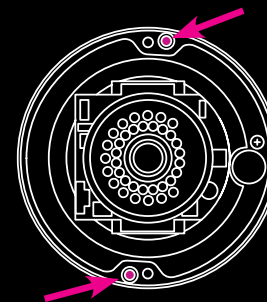Waterproof Cable Connector

Anchors

Documents & Desiccant

Screws

Wall mount bracket and electrical box mounting plate accessories are available at avertx.com.
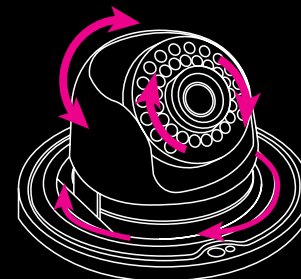
Remove Cover

Align Holes on Wall

Adjust Aim

The HD320 camera can be installed directly onto a wall or the ceiling. Be sure that the structure is strong enough to support the camera.

1. Remove the camera dome cover by removing dome screws and lifting.

2. Use the included mounting template to pre-drill holes for the mounting screws and, if passing the cable through the ceiling or wall, drill a 7/8" hole.

3. If surface mounting the cable, unscrew and remove the cable knockout on the side of the dome.

4. Connect the camera cable from the ceiling or wall to the dongle on the camera. If using the waterproof cable connector, attach it now. See instructions below.

5. Affix the base of the camera to the wall with the included self-tapping screws and wall anchors. If wall mounting, orient camera so cable knockout faces downward.

6. Adjust the camera to the desired angle.

   • The HD320 features 3-axis camera positioning: Tilt, Camera Rotation, and Lens Rotation.

   • For proper image orientation, rotate the lens so the IR lights are centered directly above the lens.

7. Replace the dome cover. To install, align screws to the holes. Tighten dome cover screws just enough for a good seal.

Note: If mounting outside, seal the opening at the wall and the base of the camera with silicone caulking.

Improper installation may cause damage to your camera and void the warranty.
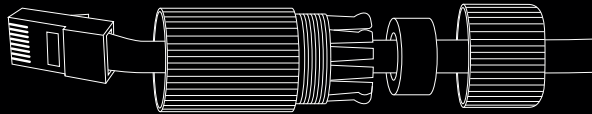
NETWORK CABLE INSTALLATION

A 100' Cat5e non-plenum UTP camera cable is included with your camera. It is important to consider how the network cable is attached to the camera.

- If passing the cord through a wall or ceiling, drill a 7/8" hole.

- For outdoor installations, ensure the connection between your network cable and the camera jack is housed within a wall or indoors or use the waterproof cable connector.

- For outdoor installations, use silicone caulking to seal any holes in the wall or ceiling to protect against leaks.

- If your installation is in a commercial building, consult local fire codes. Plenum rated cable may be required.

WATERPROOF CABLE CONNECTOR

This camera features an IP66-rated waterproof cable connector for unprotected outdoor connections. *You do not need to re-terminate the cable to use the waterproof cable connector*.

- Slide all pieces of the waterproof cable connector over the cable plug in this order:

  1. Small plastic ring
  2. Flexible silicone seal ring. You will need to stretch the silicone seal over the RJ-45 plug.
  3. Large plastic ring

- Connect the camera cable to the plug on the dongle. Screw the large plastic ring into the dongle.

- Insert the flexible silicone seal into the "crown" section of the large plastic ring

- Screw the small plastic ring into the large plastic ring
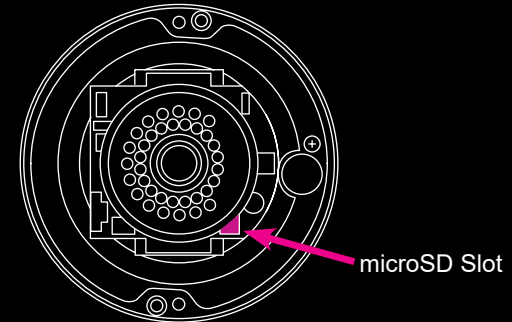
CONNECTING TO THE CAMERA

If you are using this camera with an AvertX recorder, follow the instructions in the recorder user manual to connect to your camera. You can also set up your camera using your PC.

1. Type the IP address **192.168.0.250** in the address bar of your browser

2. Enter username and password. The username and password are case sensitive. AvertX strongly recommends changing the password after the initial setup to prevent unauthorized access to the camera.

   Username – **admin**

   Password – **1234**

3. Viewer software may need to be installed on your PC the first time you connect to the camera. Download and install the viewer software when prompted.

4. Supported browsers: Chrome, Firefox, Edge, Internet Explorer. Please consult the user manual for additional browser support.

MICRO SD CARD

Your HD320 camera is equipped with a slot for a Micro SD card. To access this, you must remove the dome cover of the HD320 camera.

If you have purchased a microSD card to be used for video backup, insert the formatted card into the slot. Refer to manual for compatible cards and how to properly format your microSD Card.

microSD Slot

For Further Instruction

For more information on installing your AvertX camera, see the user manual or view instructional videos at avertx.com/videos.

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www.avertx.com