

PTZOptics ZCAM Outdoor Camera Enclosure Quick Start Guide



The PTZOptics team just finished testing an outdoor camera enclosure for our ZCam family of products. The Evertech Security Surveillance Outdoor Camera Housing with Bracket and Built in Heater-Blower is Weatherproof and it is made out of Heavy Duty Aluminum.

Note: If you are looking for an outdoor enclosure for your PTZ camera model the Dotworkz D3-CD-HB is a great choice.

This outdoor camera housing unit is a perfect fit for our Variable Lens, 12X and 20X ZCam camera models. This outdoor camera enclosure includes a Heater/Blower system to keep the glass and camera lens from fogging due to changing temperatures. When you select an outdoor enclosure it's important to carefully consider the electrical requirements for your outdoor installation.

Please Note: PTZOptics will not take responsibility for the improper installation of this mounting hardware. If you are unsure how to install a camera with this mounting hardware yourself, please seek out the help of a certified professional by emailing partners@ptzoptics.com.

For the purposes of this video we will only review the integration with PTZOptics ZCam cameras and the cabling needed to provide high-quality video, power, and control. Let's start by securing

the ZCam to a plastic connection rail included with an outdoor camera enclosure. You will notice that the plastic rail allows the camera to be secured at strategic locations to avoid glare during sunny days. PTZOptics suggests testing cameras optical zoom performance with various distances from the enclosures glass to achieve optimal performance.

Use a standard quarter twenty connection screw with one or two metal washers to ensure a secure connection. You can then snap this rail system into place inside the camera enclosure. Next we can put our camera cabling through the weather-tight connection port at the bottom of this enclosure. Keep in mind that you will need to use un-terminated cabling to do so because the terminated connection heads will not fit through this port nicely.

Let's poke our unterminated ethernet cabling through the weathertight connection port and fasten this connection port to the bottom of our camera enclosure. Now we can terminate our cables and connect them to the back of the camera. If you are using a camera with the NewTek NDI then you will only need to connect Ethernet for Video, Power and Control. Remember that the PTZOptics ZCAM-VL does not support remote zoom control. Only our 12X and 20X ZCams support remote zoom controls. All ZCam models do support remote controls for camera settings streaming and management.

Now that our ZCam is connected to our cabling we can close our enclosure box. This outdoor camera enclosure box also includes mounting hardware you can use to secure the enclosure to wall. Follow the enclosures instructions for mounting the unit with the included hardware.

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