

Axis Technology, Dotworkz Durability

Dotworkz has created a quick “how-to” guide on proper installation of the Axis P5512, P5522, P5532, P5534, Q1755, Q6032, Q6034, Q6035 HD cameras with the Dotworkz D2 rugged IP66 camera enclosures. Guide includes step-by-step photos, procedures and tips for a fast and simple set up.

The Dotworkz housings are the #1 choice available to protect Axis HD cameras. An IP66 rating assures that the cameras and all other sensitive electronic equipment are safe from environmental conditions, and secure from malicious vandals. Dotworkz enclosures are the durable solution for protecting Axis cameras from the harshest conditions.

All the parts and tools



Note: Please read both Axis and Dotworkz manuals before beginning. Photo of hardware and components needed to install Axis P55 & Q60 into the D2 outdoor enclosure system.

Prepare the camera



Using the included Axis Torx screw driver unscrew all 8 bottom Torx screws (4 “outside” ones for the main cover plus 4 for smaller cables latch cover).

Remove shroud



After unscrewing, remove P55 or Q60 series camera cover and open smaller cable latch. Set aside the main lower camera shroud as it is not going to be needed.

Connect cables



Attach the Dotworkz 5502-491 patch cable that will provide camera power; attach the RG45 connector of a CAT5 Ethernet cable to the camera; Feed both cables out their respective slots.

Reassemble latch cover



Securely close the cable latch using the Torx screw driver again.

Install Axis collar



Attach the Axis P55 or Q60 series camera collar to the Dotworkz universal camera mounting plate, making sure to line up correctly and tightening lock washers securely.

Mount the standoffs



You will need to use the 1.5 and the 0.75 inches standoffs on the 4 brass inserts on top of the D2 enclosure - DO NOT over tighten or cross thread the standoffs.

Secure camera



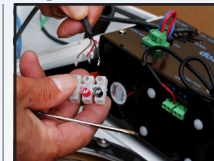
Twist-lock camera into collar while applying down pressure; line up the diamond mark as in this picture; Secure the camera plate to the standoffs using included 832 pan head screws.

Check camera fit



Check camera install by carefully closing the D2 camera hatch and verifying clearance between camera and D2 lens; should be enough space between the clear dome and the camera to move freely.

Using Dotworkz cable



Remove the terminal block from Dotworkz 5502-491 cable; you will only use BROWN and RED wires.

Correct poles



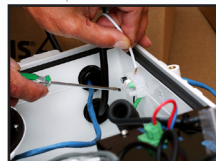
Connect BROWN wire to (-) negative and RED to (+) positive on the MVP terminal. The BLACK wire is not used so we recommend isolating it with electrical tape.

IP68 Cable glands



Run CAT5 cable through existing D2 cable gland; Remove the plug and install an included second cable gland, making sure to seal it tight. Note: if using conduit be sure sealing to avoid water moisture.

External power source



Have a qualified electrician connect an external power source to D2 terminal power block. See manual for more details.

Tighten cable glands



Make sure to have only one cable per gland and tighten them really shut to completely seal D2 enclosure from the outside.

Close the D2



Close the enclosure and tighten all screws using a Phillips screw driver. The D2 can be mounted directly to a wall or to a pole mount adapter.

Leave a drip loop



Make sure to create a “U” shape drip loop with the cables to prevent water from pooling and possibly seeping inside.