

Cartoni PTZ T-Bar and Quick Release Kit for up to 3 Cameras



NOTE:

We include quick releases pre-installed on each camera-mount interface to simplify camera installation and removal, but you can also attach the cameras directly to the mounting assemblies.

Identifying the Parts

1 QR Assy Base

The fixed Quick Release Assembly Base that remains attached to the T-Bar Mounting Interface and accepts a QR Camera Plate.

2 QR Camera Plate

The removable Quick Release Plate that attaches directly to a PTZ camera.

3 PTZ Mounting Interface

One of three mounting assemblies that support a QR Assy Base and QR Camera Plate. It can slide left and right on the T-Bar when not secured with tightened thumbscrews or M5 screws.

The **Center Interface** is the PTZ Mounting Interface that sits in the middle of the T-Bar. This is where the PTZ T-Bar attaches to the Stand's Receiver.

4 Stand

Any compatible, appropriately rated support, such as a tripod, motorized column, or C-stand.

5 Receiver

A compatible mounting adapter that threads into the bottom of the Center Interface, such as a tripod plate, spigot receiver, or motorized column plate.



Configuration upon arrival



Before you begin, make sure your Stand is level. Next, verify that each QR Assy Base is securely attached to its T-Bar Mounting Interface. The thumbscrews securing the three interfaces in place may have loosened during shipping.

Setup

1 Remove the QR Camera Plates from their QR Assy Bases.



2 Attach each PTZ camera to its QR Camera Plate using the appropriate mounting hardware. Confirm that each camera is securely attached before continuing.



3 Remove the center T-Bar Mounting Interface and one of the side Interfaces. You'll need to remove the thumbscrews holding them in place on the bottom of the T-Bar and the extra tripod screws in the T-Bar Mounting Interface to allow them to slide off the T-Bar.



4 Attach the appropriate Receiver to the bottom of the Center Interface. Ensure the Receiver's Locating Pin is fully seated in the locating (anti-rotation) hole.



5 Reinstall the two T-Bar Mounting Interfaces with QR Assy Base on the T-Bar.

6 Secure the Receiver attached to the Center Interface according to the Stand manufacturer's instructions. Verify the Center Interface is securely mounted before installing cameras.



7 Install the center camera first, ensuring the QR Camera Plate is fully seated and the safety latch is engaged. Then install the left and right cameras into their respective QR Assy Bases. Verify all QR Camera Plates are fully locked.



8 Slide the left and right interfaces with their cameras in small increments until the system is balanced.

9 Verify the Stand moves smoothly and no torsional flex is visible. Once the T-Bar is balanced, securely tighten the thumbscrews in the T-nuts on both outer mounting interfaces. Recheck the balance after tightening.



Final Inspection

Verify the following before operation:

- All thumbscrews are securely tightened.
- All QR Camera Plates are fully seated in their QR Assy Bases.
- All safety latches are fully engaged.
- All M5 screws (that you're using) are fully seated.
- The cameras are level and securely attached.
- The Center Interface has no rotational play.
- The Receiver is securely attached to the Stand.

For Motorized Columns

If using a motorized column, remember to make sure any cables have sufficient slack and will not snag during operation. Perform a slow vertical travel test through the intended operating range. Observe the system throughout the movement.

Confirm that:

- The T-Bar remains level.
- The cameras do not drift or rotate.
- No visible flex or twisting occurs.
- Movement remains smooth throughout the full range of travel.
- All mounting components remain securely locked.

If you observe any movement, looseness, or imbalance, stop operation and re-balance the system before use.