

Camera installation “Best Practices” Using The Novattach® Device installation System.

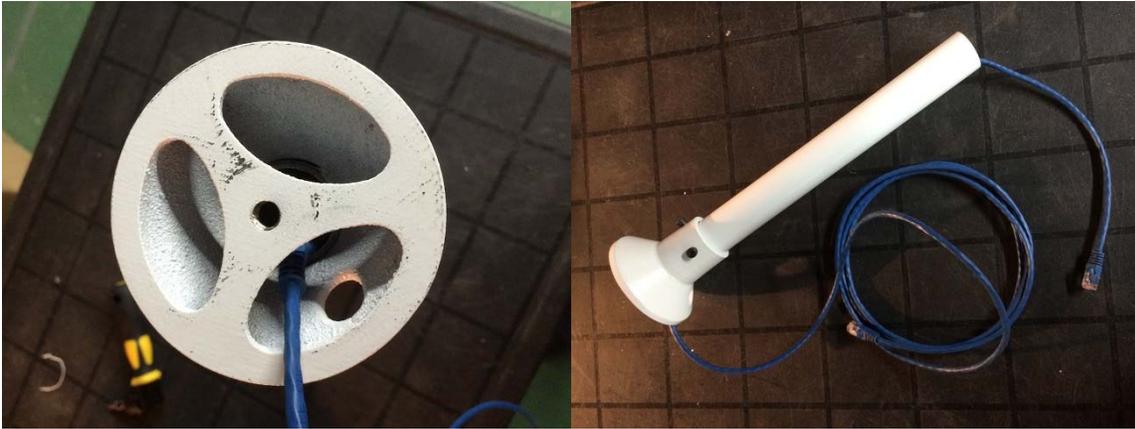
- 1) Install & test all CAT5e or CAT6 Ethernet cable in accordance with IEEE standards and specifications. This method requires a compliant RJ45 modular jack at the device endpoint. Leave a health service coil where possible.



- 2) Preconfigure all cameras with IP addresses and other parameters. Create a form to keep track of camera model, serial number, IP address & the location that corresponds to the location that corresponds to the floorplan map.
- 3) Assemble the Novattach Mount kit by attaching the alloy cast head unit to your aluminum tube by tightening 2 screws on the tube receiver.



- 4) Feed appropriate length & type of Ethernet patch cable through the opening on the top of the head, closest to the cable feed port on the side.



- 5) Attach the Universal Multithread Adapter (UMA) to the top of the camera's pendant cap.



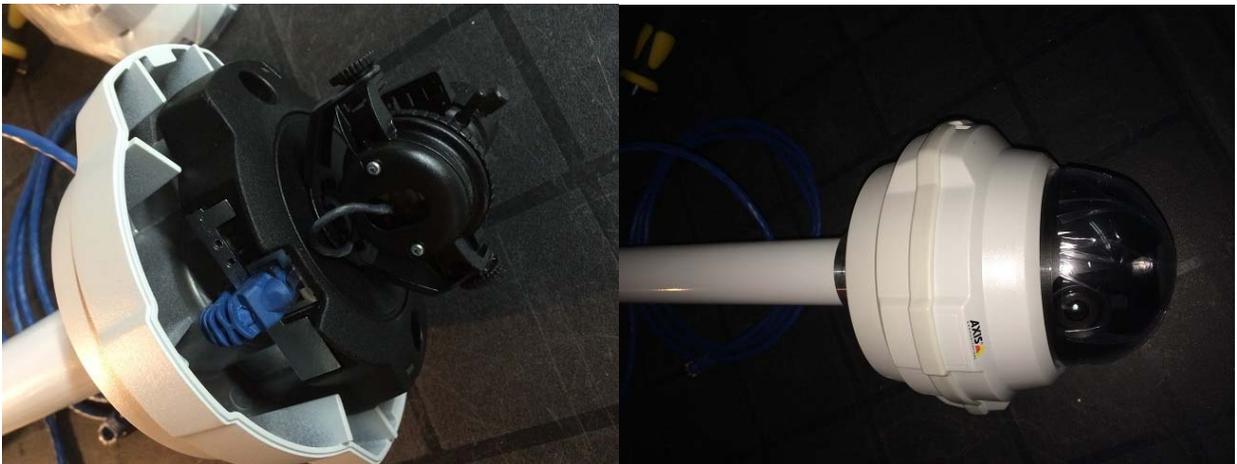
- 6) Feed the patch cable exposed at the opening of the tube, through the UMA/Pendent cap.



7) Attach the UMA/pendant cap to the open end of the tube.



8) Now connect the patch cable sticking out from the hole in the UMA/Pendant cap, into the Ethernet jack on the camera & attach the camera to the pendant cap & replace the dome.



9) Feed the patch cable at the opposite end of the assembly, back through the large hole and into the side cable port taking up all the slack.



- 10) Place a label on the camera or mount that indicates location for mounting & wrap or otherwise secure the excess patch cable to the pole on the mounted camera assembly.



- 11) Repeat step 3-11 for all cameras.

- 12) Insert the Novattach® supplied threaded hook or spring stud (depending on if it's a joist or strut channel mounting application) into the top threaded hole of the Novattach® Head unit turning clockwise until there is just enough clearance to accommodate the height of the joist lower cord or strut.



- 13) These processes can be completed off-site in advance or at a designated staging area on-site.

Installing Novattach mounted cameras to Open Web Steel Joists.

- 14) Load as many camera/Novattach® (hook fitted) assemblies as you can fit on the lift with the operator (usually up to 6).
- 15) The operator will maneuver the lift to the location corresponding to the camera number and map location and feed the hook up between the lower angle cords of the joist and hook to one side of the joist members. If these cords are uneven, place the Novattach® hook over the lower of the 2 cords.
- 16) Spin the assembly clockwise until it clamps to the joist. Give the mount a good, hard twist to ensure it's securely clamped to the joist.
- 17) Unwrap the patch cable and plug into RJ45 modular jack at that location & tie off excess cable.

Installing Novattach mounted cameras to Strut Channel

- 18) Use the Novattach® supplied spring stud in place of the hook.
- 19) Press the spring stud into the strut channel and twist clockwise ensuring that the stud nut rotates 90° and correctly engages with the strut channel rails.
- 20) Continue clockwise rotation until Novattach® is securely clamped into position.
- 21) Unwrap the patch cable and plug into RJ45 modular jack at that location & tie off excess cable.