1. Prepare the Tube

(1) Prepare the tube for the installation. Remove any unnecessary parts and cut the tube to the required length. Ensure the tube is free of any sharp edges or burrs, and if necessary, smooth them out.

2. Install Suitable Carriers on the Beams (optional)

(2) Install the carriers (if required) using the supplied wood screws (item 1.9). Make sure the carriers are securely attached to the beams.

3. Break Out Cable Guide at the Side (optional)

(3) Break out one of the cable guides at the side (if needed) by using the supplied drilling template on the back. This will provide access to the tube mounting area.

4. Connect the Cables

(4) Connect the cables to the tube. Make sure the connections are secure and strain-relieved. Use the supplied straps to manage the cable run as needed.

5. Install the Bottom Mount

(5) Install the bottom mount using the supplied screws (item 1.10). Ensure the mount is securely attached to the beam. If required, adjust the mounting height using the supplied adjustment bushings (item 1.12).

6. Install the Safety Wire at the Bottom Mount

(6) Install the safety wire at the bottom mount by using the supplied safety wire (item 1.13). Ensure the wire is securely fastened and not overtightened.

7. Apply Cover Disc (or) Helix, MxTubeMount, FTMount/FTMount Thermal (only)

(7) Apply the cover disc (or) helix (if needed) to the bottom mount. Ensure the cover is securely fastened and provides a waterproof seal.

8. Insert the Tube into the Top Mount

(8) Insert the tube into the top mount using the supplied tube insert (item 1.6). Ensure the tube is fully seated and not pinched or damaged.

9. Connect the Cables (or) MxTubeMount support (Transfer Mount)

(9) Connect the cables (or) MxTubeMount support (transfer mount) to the top tube using the supplied tube insert (item 1.6). Ensure all connections are secure and strain-relieved.

10. Attaching the Tube to the Side Mount

(10) Attach the tube to the side mount using the supplied screws (item 1.10). Ensure the tube is fully seated and not pinched or damaged.

11. Connect the Cables (or) FTMount/FTMount Thermal (only)

(11) Connect the cables (or) FTMount/FTMount Thermal (transfer mount) to the top tube using the supplied tube insert (item 1.6). Ensure all connections are secure and strain-relieved.

12. Install the Safety Wire at the Top Mount

(12) Install the safety wire at the top mount by using the supplied safety wire (item 1.13). Ensure the wire is securely fastened and not overtightened.

13. Attach the Tube to the Side Mount

(13) Attach the tube to the side mount using the supplied tube insert (item 1.6). Ensure the tube is fully seated and not pinched or damaged.

14. Install the Cover Disc (or) Helix, MxTubeMount, FTMount/FTMount Thermal (only)

(14) Install the cover disc (or) helix (if needed) to the top mount. Ensure the cover is securely fastened and provides a waterproof seal.

15. Install the Tube into the Top Mount

(15) Insert the tube into the top mount using the supplied tube insert (item 1.6). Ensure the tube is fully seated and not pinched or damaged.

16. Connect the Cables (or) MxTubeMount support (Transfer Mount)

(16) Connect the cables (or) MxTubeMount support (transfer mount) to the top tube using the supplied tube insert (item 1.6). Ensure all connections are secure and strain-relieved.

17. Attach the Tube to the Side Mount

(17) Attach the tube to the side mount using the supplied tube insert (item 1.6). Ensure the tube is fully seated and not pinched or damaged.

18. Connect the Cables (or) FTMount/FTMount Thermal (only)

(18) Connect the cables (or) FTMount/FTMount Thermal (transfer mount) to the top tube using the supplied tube insert (item 1.6). Ensure all connections are secure and strain-relieved.

19. Install the Safety Wire at the Top Mount

(19) Install the safety wire at the top mount by using the supplied safety wire (item 1.13). Ensure the wire is securely fastened and not overtightened.

20. Attach the Tube to the Side Mount

(20) Attach the tube to the side mount using the supplied tube insert (item 1.6). Ensure the tube is fully seated and not pinched or damaged.
Drilling Template

Technical Specifications

Dimensions

Drilling Template

Alternative: Pre-Install the Entire Unit With Camera

As an alternative to the installation of the MxTubeMount described above, you can install the on-wall socket (step 2) and connect the safety wire, camera and cabling at a suitable place. At the site, you only need to connect the cables and to install the entire unit at the ceiling structure generically with the aid of a second person.

1. Attach masts to tube

- Both masts must be fully closed (installing the MxTubeMount on an existing mast is not required), sex-available adjustment bushings, unless the screw when attaching safety wire to the mast is longer than the overall length of the tube plus 20 cm/7.87 in. Apply the supplied safety wire (steel tube 3/4\"), create a loop 9 mm/0.35 in. long. If the safety wire had not been mounted to the top mount in step 1, fasten it securely to the tube at the mast using Filister head screws M6x25 with washers and hex nuts. See «Install c25/p25/v25/M15/M25 to the MxTubeMount» on page 2.

- Make sure not to exceed the max. torque of 1.5 Nm when tightening screws. For the screws, use 1.5 Nm.

2. Prepare the camera/install the on-wall socket

- MxMedia: Exchange the mast for the camera for the ceiling mounting.

- c25/p25: Properly attach the camera to the on-wall socket.

- D25/Q25: Properly attach the camera to the on-wall socket. See «Install D25/Q25/PTMount/PTMount-Thermal at the MxTubeMount» on page 1.

- M15/M25: Properly attach the camera to the ceiling. Make sure not to exceed the max. torque of 1.5 Nm when tightening screws.

3. Connect the camera/sensor module

Connect the camera/sensor module. Make sure that the cables are long enough for the length of the tube.

4. Install the camera/sensor module at the bottom mount/c25/p25

- MxMedia: Install the camera/sensor module on the wall socket (see «Install c25/p25» on page 2).

- D25/Q25: Install the camera/sensor module at the MxTubeMount (see «Install D25/Q25/PTMount/PTMount-Thermal at the MxTubeMount» on page 1).

- MxMedia: Attach the sensor module at the bottom mount. (Use c25 and Filister head screws M6x25 with washers and hex nuts, see «Install c25/p25/v25/M15/M25 to the MxTubeMount» on page 2."

5. Install entire unit

If the safety wire had not been mounted to the top mast in step 1, attach the upper loop of the safety wire to the ceiling. Connect the bottom mount with the supply cables and connecting wire, and mount it to the ceiling. Make sure not to exceed the max. torque of 1.5 Nm when tightening screws.

Safety Warnings

- This product has been designed to be used in indoor setups only.

- This product must not be used in locations exposed to the danger of explosion.

- Make sure that the supply cable is always properly connected to the electrical socket. Make sure not to exceed the max. torque of 1.5 Nm when tightening screws.

- The weight of the tube used must not exceed 1.6 kg/3.53 lb, the max. gross weight (max. weight of tube plus cabling + camera) must be less than 20 cm/7.87 in.

- Make sure to properly set up all electrical connections. Make sure not to exceed the max. torque of 1.5 Nm when tightening screws. The weight of the tube used must not exceed 1.6 kg/3.53 lb, the max. gross weight (max. weight of tube plus cabling + camera) must be less than 20 cm/7.87 in.

- This product has been designed to be used only with the MOBOTIX camera.

- Use only the supplied safety wire. Fasten the wire securely at the tube. The weight of the tube used must not exceed 1.6 kg/3.53 lb, the max. gross weight (max. weight of tube plus cabling + camera) must be less than 20 cm/7.87 in.

- The weight of the tube used must not exceed 1.6 kg/3.53 lb, the max. gross weight (max. weight of tube plus cabling + camera) must be less than 20 cm/7.87 in.

- Make sure that the supply cables are securely fastened to the tube, the back of the tube and the sensor module in order to prevent the camera from falling down.

- If you are using a tube that is shorter than 2.67 m/8.78 ft, you need to drill a hole so that the camera can be fasten no more than 20 cm/7.87 in. from the ceiling.

- The height of the tube must be no more than 2.67 m/8.78 ft; if you use longer tubes, the grease weight of the tube plus camera must not exceed max 22.4 lb.

- When using a sensor module of less than 4.94 m/16.2 ft, the corresponding adjustment bushings are to be selected.

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