

RUNI-HDM01

Do Everything Antenna Bracket



Features:

- Universal multipurpose design
- RoHS Compliant
- Features for cable management
- 2 pcs of Plug Bolts
- 2 pcs of M8 Bolt
- U-Bolt & washers included



Applications:

- I-Beam Mounting
- Pole Mounting
- Wall Mounting



Fits for a variety of antenna types

- Direct Mount Antennas with Radome
- Baton Style Omni Antennas
- Adhesive Mount Antennas

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Environmental Specifications

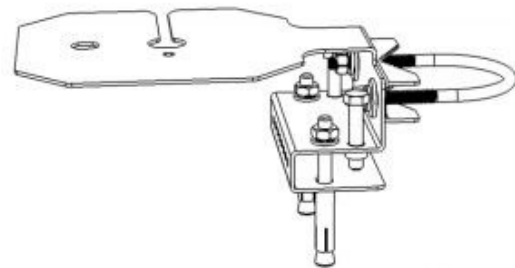
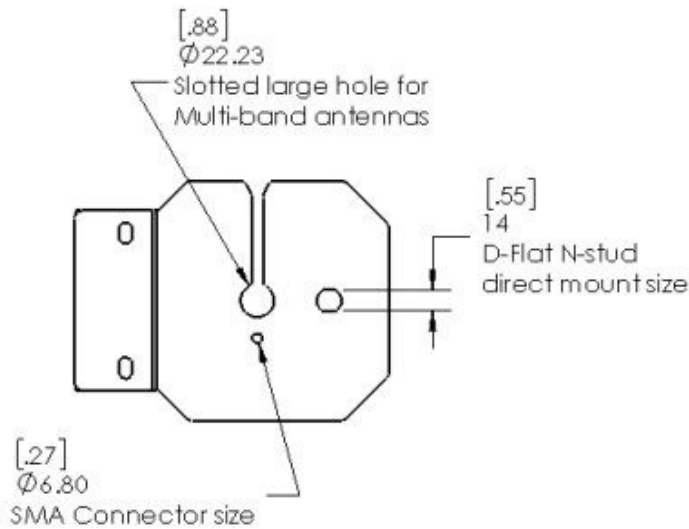
Operating Temperature [°C]	-40°C to +85 °C
Storage Temperature [°C]	-40°C to +85 °C
Salt Mist	96H NSS
Humidity	+95% RH at +25°C

Mechanical Specifications

Color	Chrome
Material	Carbon Steel
Weight	1.54 lbs
Dimensions	8.23" x 6.30" x 2.95"

Hole Size for Types of Antennas

Slotted Large Hole for Multi-Band Antennas
D-Flat N-Stud Direct Mount Size
SMA Connector Size



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Installation of Small Stick Antennas to Bracket

As shown in Figures 2 and 3, assemble jumper to bracket and then install the small stick antenna as shown in Figure 1.

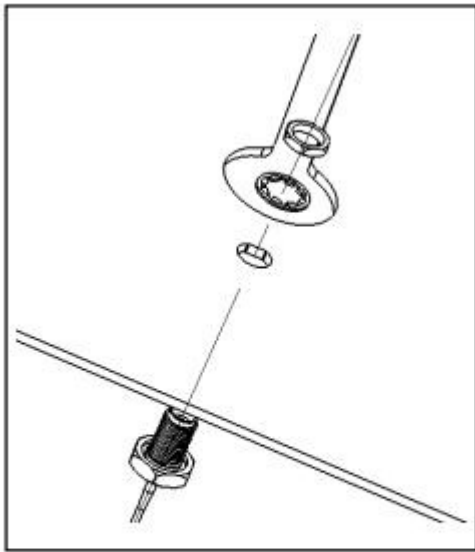


Figure 2.

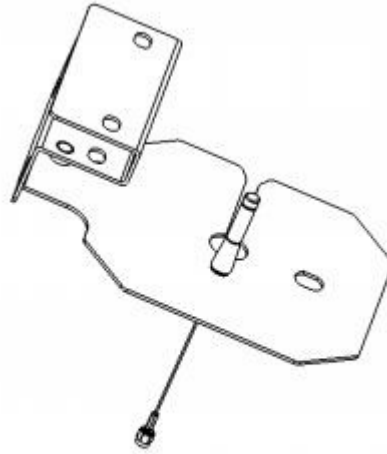


Figure 1.

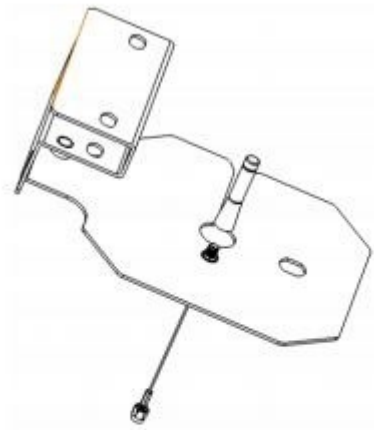


Figure 3.

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Installation of Bracket to I-Beam

1. Figures 1 and 2 show a preassembled antenna to the RUNI-HDM01 bracket
2. Attach the bracket and pre-assembled antenna to the bottom edge surface with the antenna facing downward. This is shown in Figures 3 and 4.
3. Shown in Figure 5, assemble the bracket to the I-Beam.

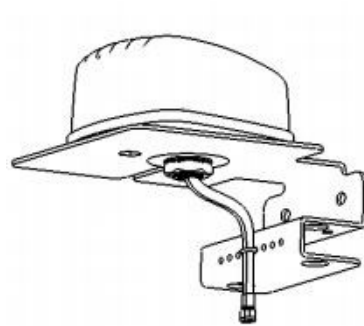


Figure 1.

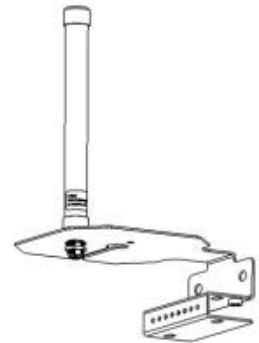


Figure 2.

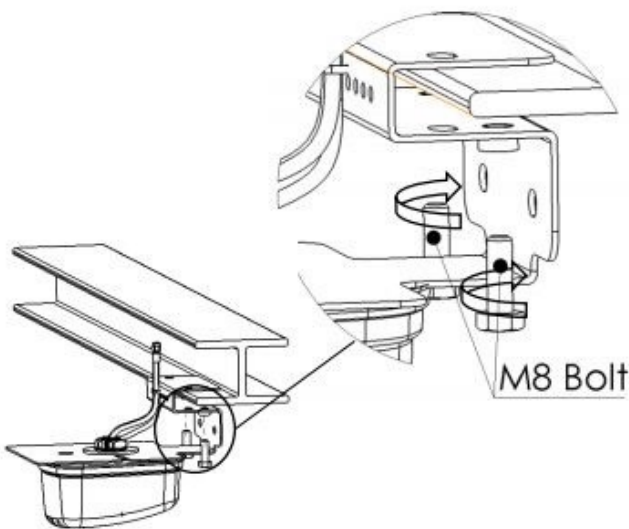


Figure 5.



Figure 3.



Figure 4.

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Installation of Bracket to Vertical Pole

1. Figures 1 and 2 show a preassembled antenna to the RUNI-HDM01 bracket.
2. Attach the bracket and pre-assembled antenna to the top of the pole with the antenna facing upward. This is shown in Figures 3 and 4. The top surface of the mounting pole should not exceed the top surface of the bracket because the antenna's radian can be negatively affected.
3. Shown in Figure 5, assemble the bracket to the pole
4. Usable pipe max diameter 70 mm

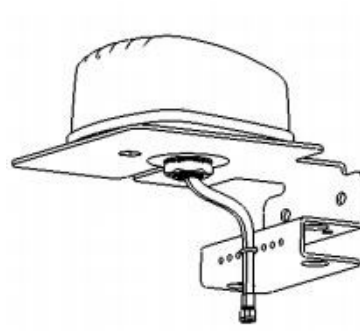


Figure 1.

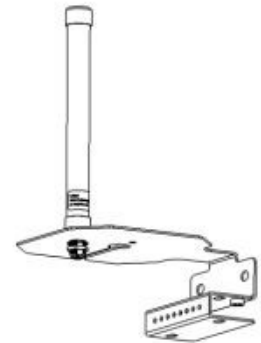


Figure 2.

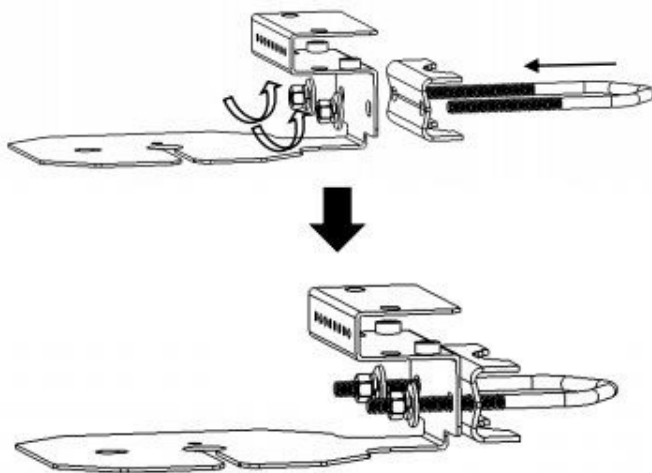


Figure 5.



Figure 3.

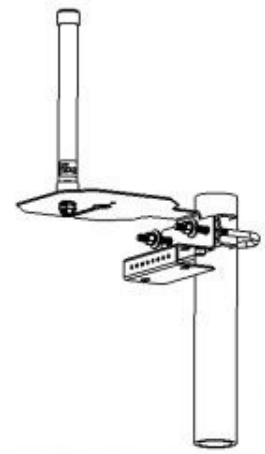


Figure 4.

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Installation of Bracket to a Wall

1. Figures 1 and 2 show a preassembled antenna to the RUNI-HDM01 bracket.
2. As shown in figure 5, drill a $\Phi 12\text{mm}$ ($\Phi 0.472''$), 55mm (2.165'') depth hole one the wall .
3. Then assemble the bracket to the wall as shown in figure 6.

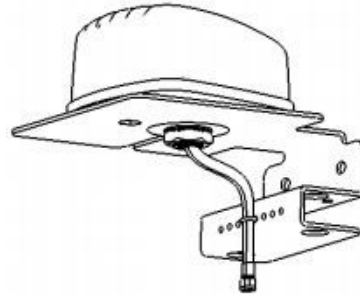


Figure 1.

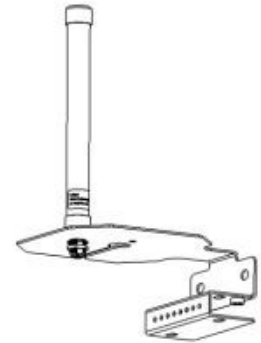


Figure 2.

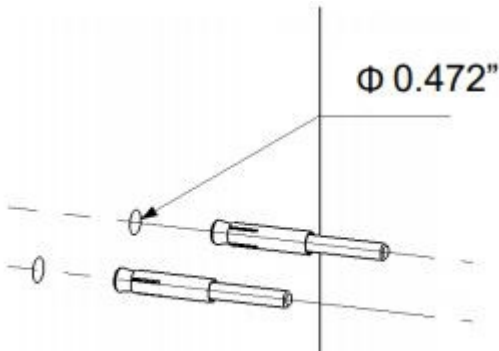


Figure 5.

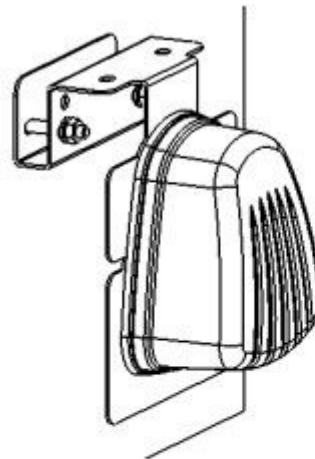


Figure 3.

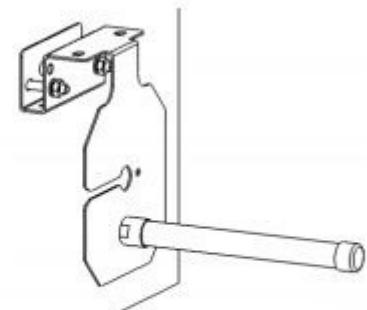


Figure 4.

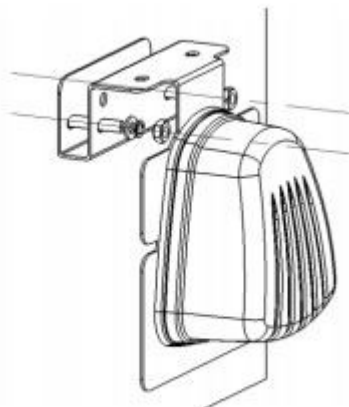


Figure 6.

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Environmental Conditions

Humidity

- Moisture resistance 6 cycles at 55 °C
- Paragraph 5.2 of standard NF-EN-60068-2-30
- +95% RH @ +25°C for 12 h and +55°C for 12h in 6 cycles (= 6 days)
- Total: 144 Hours

Salt Mist

- 96H NSS /Paragraph 6.5 of standard NF -EN ISO9227
- 5% NaCl spray for 96 h, @ +35°C, +95% RH

Temperature Cycle

1. Room Temperature to -40°C (2hours)
2. Storage for 2 hours at -40°C
3. -40°C to 85°C (2hours)

4. Storage for 2 hours at 85°C
5. 85°C to -40°C (2hours)
6. Repeat from 2 to 5 for 5 cycles
7. -40°C increase to room temperature within 2 hours

Storage Temperature

1. Room Temperature at -40°C within 2 hours
2. Storage for 16 hours at -40°C
3. -40°C room temperature within 2 hours Total: 20 hours
1. Room Temperature at +85°C within 2 hours
2. Storage for 16 hours at +85°C
3. +85°C room temperature within 2 hours Total: 20 hours