



Master Edge Installation Manual

Version 6.6.2

Revision History

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**Federal Communications Commission
Supplier's Declaration of Conformity (47 CFR Section 2.1077)
Compliance Information**

Unique Identifier: Master Edge 6.6.2

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FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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1 Introduction

1.1 Overview

This Rekor Master Edge Installation Manual provides instructions on how to wire the connections and install the Master Edge communications box.

1.2 Power Requirements

The box requires 24VDC. The site may have existing power (light pole, etc.) or may require connection to a battery. The system uses 24V power. Double check that the power is 24VDC before connecting to the box.

2 Equipment



Figure 1. Master Edge Enclosure: Antennas (Left) and Box (Right)

3 Installation

3.1 Power Connection



Figure 2: Power Port Location

1. Connect the power connector to the wire using a small flat-head screwdriver to secure the wire. Ensure that the positive and negative wires are secured to the correct connection, as shown in Figure 2.



Figure 3: Grommet Location on Enclosure

2. Run the power cable with connector through the far-right grommet of the enclosure.

3. Insert the power connector into the power port and secure with the screws, as shown in Figure 2.

Note: DO NOT power the Edge over the PoE ports.

3.2 Edge Device Connections

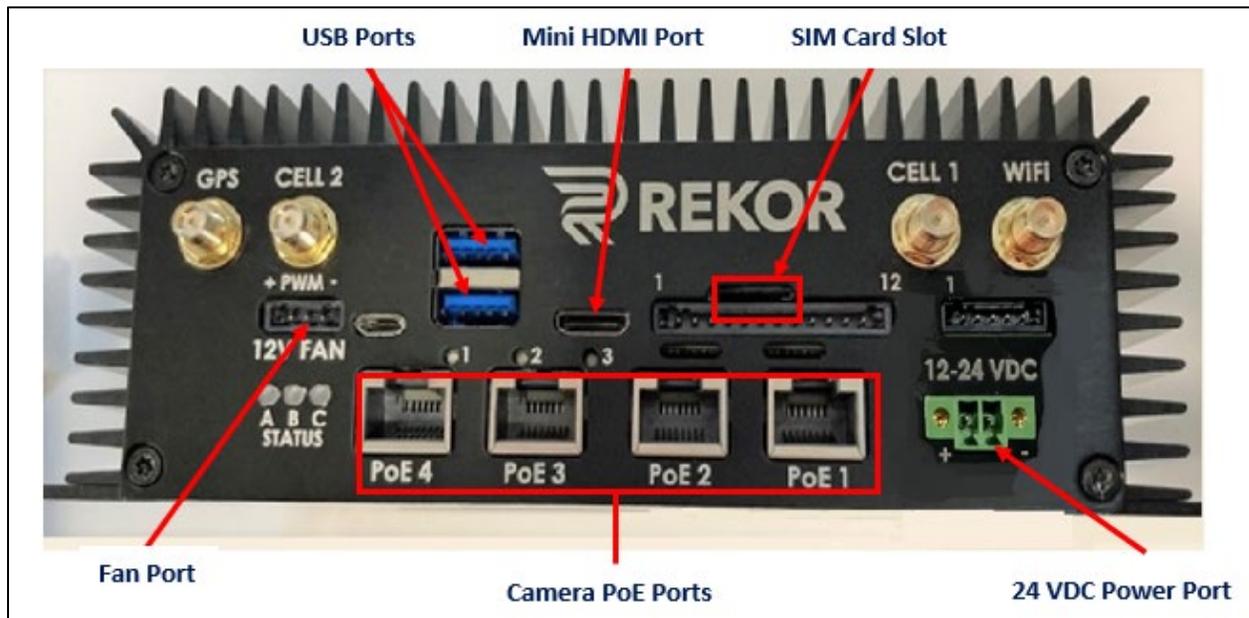


Figure 4: Device Connections

1. Insert the SIM card into the SIM card slot.
Note: The SIM card must have a Static IP.
2. Plug the fan connector into the fan port.
4. Run the camera cable(s) through the grommets on the enclosure then connect the Axis camera(s) to the PoE ports.

3.3 Mounting

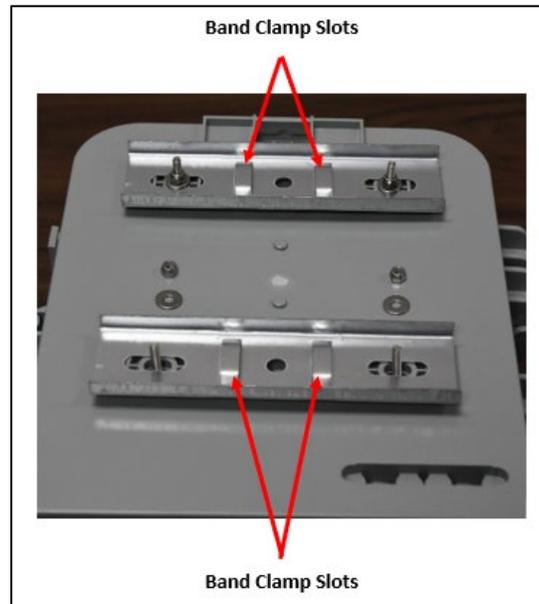


Figure 5: Band Clamp Slots on Mounting Plates

3. Locate and mark the position on the pole where you plan to install the box.
4. Insert the band clamps into the slots on the mounting brackets on the back of the Box.
5. Wrap the band clamps around the pole and cinch them tight. Secure the clamps by tightening the screws on the clamps.

Note: For more information, please see instructions on <https://docs.rekor.ai/>.



Figure 6. Installed Edge System

4 System Startup

1. Connect the monitor to the mini-HDMI port.
5. Use one USB port to connect the mouse and keyboard dongle/hub.
6. Use the second USB port to connect the ethernet to USB cable for Internet.
7. The OpenALPR Graphical User Interface (GUI) is installed on the Box. Login to the system with the standard login credentials. (Contact Support if these are unknown.)
8. Launch the app and follow the instructions on <https://docs.rekor.ai/rekor-scout>
9. If you need to open the Linux terminal, use keyboard shortcut “Ctrl+Alt+T” to open the Linux terminal.