

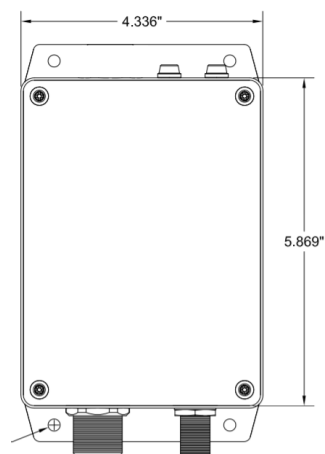
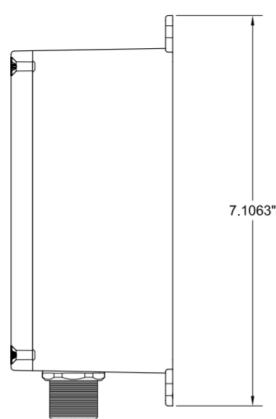
DOVEN LLC

User Manual

DV31-DC

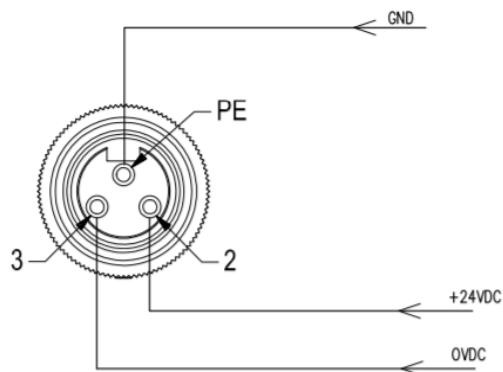
DOVEN DV Series products are intended for indoor/outdoor distance measurement between two Mobile Objects.

Montage for DV31-DC needs to be done from montage holes on both sides of the box:



POWER SUPPLY

DEVICE	INPUT
DV31-DC	8 - 48VDC



WARNING: IT IS STRICTLY FORBIDDEN TO USE ANY ALTERNATIVE ANTENNA OTHER THAN THE ONE SUPPLIED WITH THE DEVICE. USE OF ANY ALTERNATIVE ANTENNA VOIDS THE FCC AUTHORIZATION TO USE AND OPERATE THIS DEVICE.

USAGE

To start the system, plug every device to its corresponding power supply, taking special care on the pinout configuration shown before.

Once the complete system is configured and powered on, LEDs on the side of the device will start blinking. The LED lights have the following meaning:

- **Red Light:** This light blinks when the unit is powered.
- **Blue Light:** This light blinks when both units are connected and the distance between them is being calculated.

The following conditions must be fulfilled for FCC compliance:

- All devices must be installed on moving objects.
- No device may be fixed to the ground.
- The devices will be allowed to work indoors and outdoors.
- The transmitter operation is used only in conjunction with an associated receiver. If no associated receiver is detected, then transmission will cease within 10s.

This device should be connected to a battery installed on the moving object or to a power supply that can be turned off at any time (disconnect switch). These devices should never be connected to a permanent power connection.

Antenna Use

- This device is sold with its own antenna.
- This device must only sold by Doven LLC or any authorized representative.
- In all cases, sales are done to industrial/commercial companies.
- Sales to end the general public are forbidden and not applicable for this type of device.
- All installation, repair and servicing work must be carried out by qualified and trained professionals.
- Only Doven can replace any malfunctioning antenna.
- This device has been designed to operate with the supplied antenna.
- **Utilization of any other antenna is strictly prohibited for use with this device and may void the FCC authorization to operate this equipment. The use of any other antenna other than the one supplied by Doven LLC is explicitly forbidden.**

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.

This device also complies with part 15.519 of the FCC Rules.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Changes or modifications not expressly approved by the Doven LLC could void the user's authority to operate the equipment.