



Trip-Rope (BETA)

Introduction

The Trip-Rope utilizes an ultrasonic Distance Measuring Range Sensor (DMRS) to identify objects entering its scanning field. It visually represents the detected distance using an LED rope strip. Upon detection, the device illuminates a purple line and two yellow LEDs at the precise point of the triggered detection range. In addition, the Trip-Rope features temperature and humidity monitoring capabilities, with the LED rope strip lighting up to indicate fluctuations in these environmental conditions.

Setup and Usage

To set up the Trip-Rope, connect the LED rope strip to the designated connector located at the front of the unit. Position the Trip-Rope on level ground and extend the LED rope strip in a straight line away from the sensor. Activate the device by switching it to either NORM or DARK Mode. Please note that the Trip-Rope may cycle through temperature and humidity measurements during initial startup; this is a normal operation as the unit calibrates against the current environmental conditions, which may differ from baseline settings.

Modes

- **NORM Mode:** The Trip-Rope signals its activation by illuminating a moving white dot along the LED rope strip, continuously cycling until the unit is triggered.
- **DARK Mode:** In this mode, the white dot is deactivated, and the temperature and humidity “dot” color change indicators will also be disabled.

Temperature/Humidity Color

Red - Temperature increase **Blue** - Temperature Decrease

Orange - Humidity Increase **Green** - Humidity Decrease

Increase: The indicator moves from the unit to the end of the LED rope strip.

Decrease: The indicator moves from the end of the LED rope strip back to the unit.