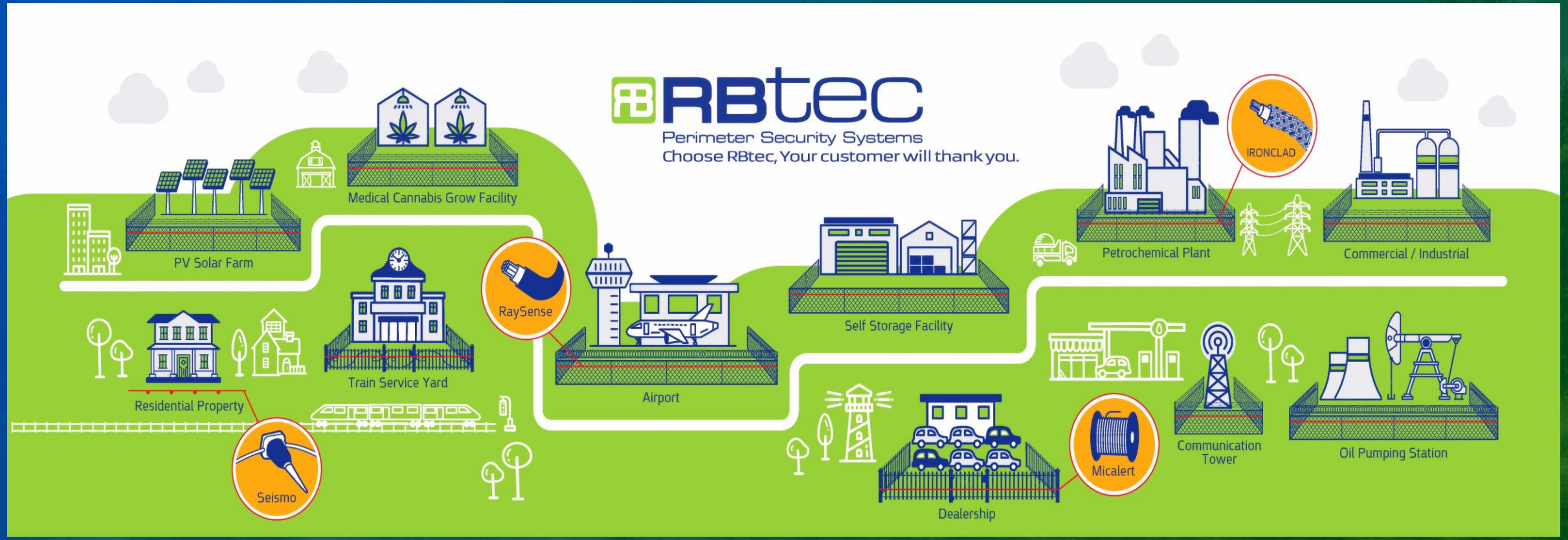
RBtec
Perimeter Security Systems

WallAlert Shock Detector

Protects any type of wall and drywall against impacts and vibrations caused by intrusion attempts.

Our End Users & Their Solutions



RV/Camper & Boat Storage Facility

PV Solar Farms

Electric Infrastructure

Oil & Gas

Car, Truck, Heavy Equipment Dealerships

VIP Residential / Gated Communities

Logistic / Industrial Parks

Cannabis Grow Operation

WallAlert

Protects Brick, concrete and metal walls against impacts caused by intrusions attempts.

Detects drilling, breaking with a sledgehammer or jack hammer.

- ✓ Fits: Brick, Concrete, Drywall, Sheet metal wall panels and corrugated metal panels.
- ✓ Linear detection with no gaps, the whole cable is one long sensor.
- ✓ Plug & Play installation, Anyone can install the system without prior experience!
- ✓ No training or special tools required, comes with installation manual.
- ✓ No sophisticated calibration, zone sensitivity easily adjusted with dip switches. No maintenance needed
- ✓ 2x Dry contact relay alarm outputs (NO or NC), can be connected to any alarm system/DVR/access control/SCADA.

Packaging options per WallAlert kit

Zone number / Zone length	1 Zone	2 Zone System
75m / 250ft	75m / 250ft	75m / 250ft Per zone – 150m / 500ft System
150m / 500ft	150m / 500ft	150m / 500ft Per zone – 300m / 1000ft System
300m / 1000ft	300m / 1000ft	300m / 1000ft Per zone - 600m / 2000ft System

Types of WallAlert Kits

The kit includes:

- 1x – Processor board
- 1x – Weatherproof enclosure
- 1x or 2x Spools of sensor cable in the chosen length
- 1x or 2x End of line termination units

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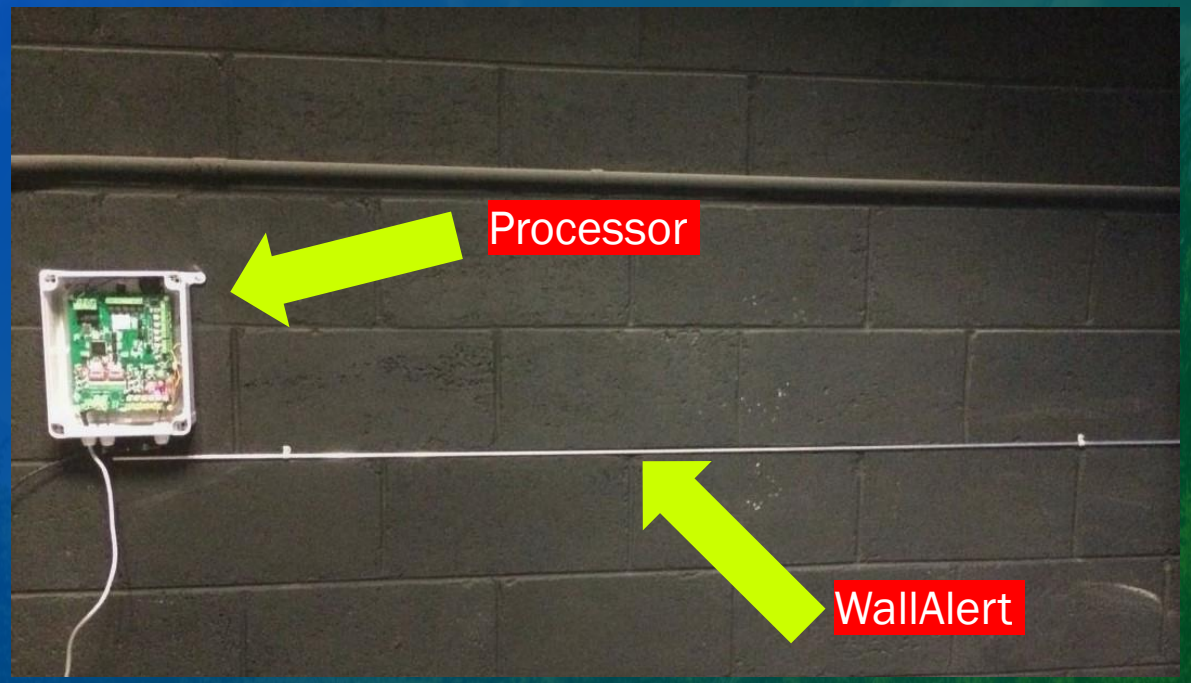
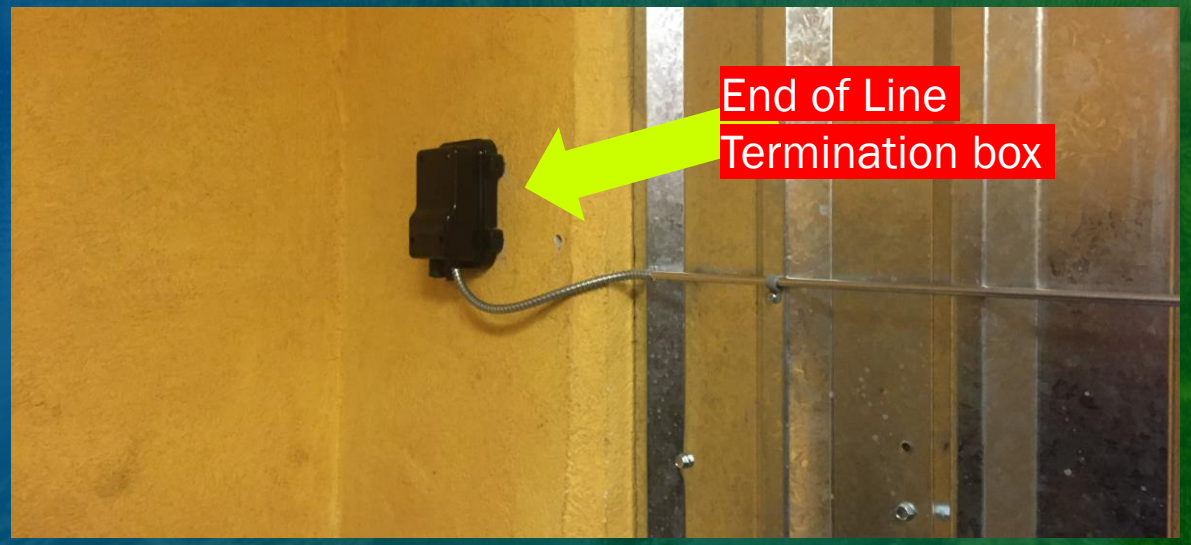
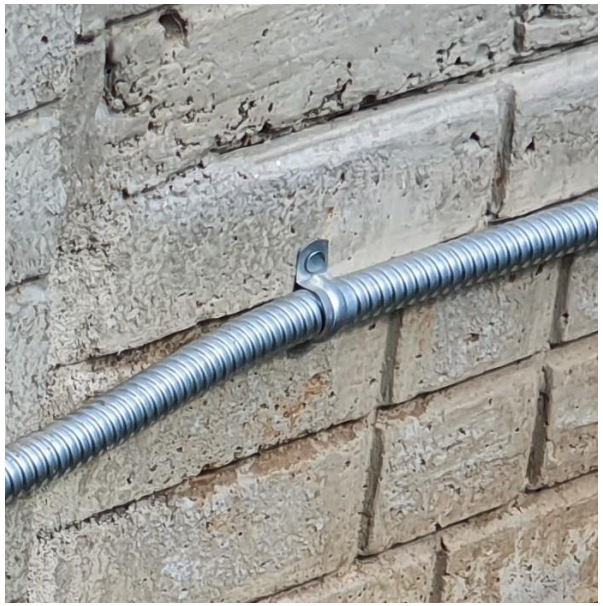
System Installation





Labor Estimate:
1000ft of fence line per day for 2 techs - 16 hours labor



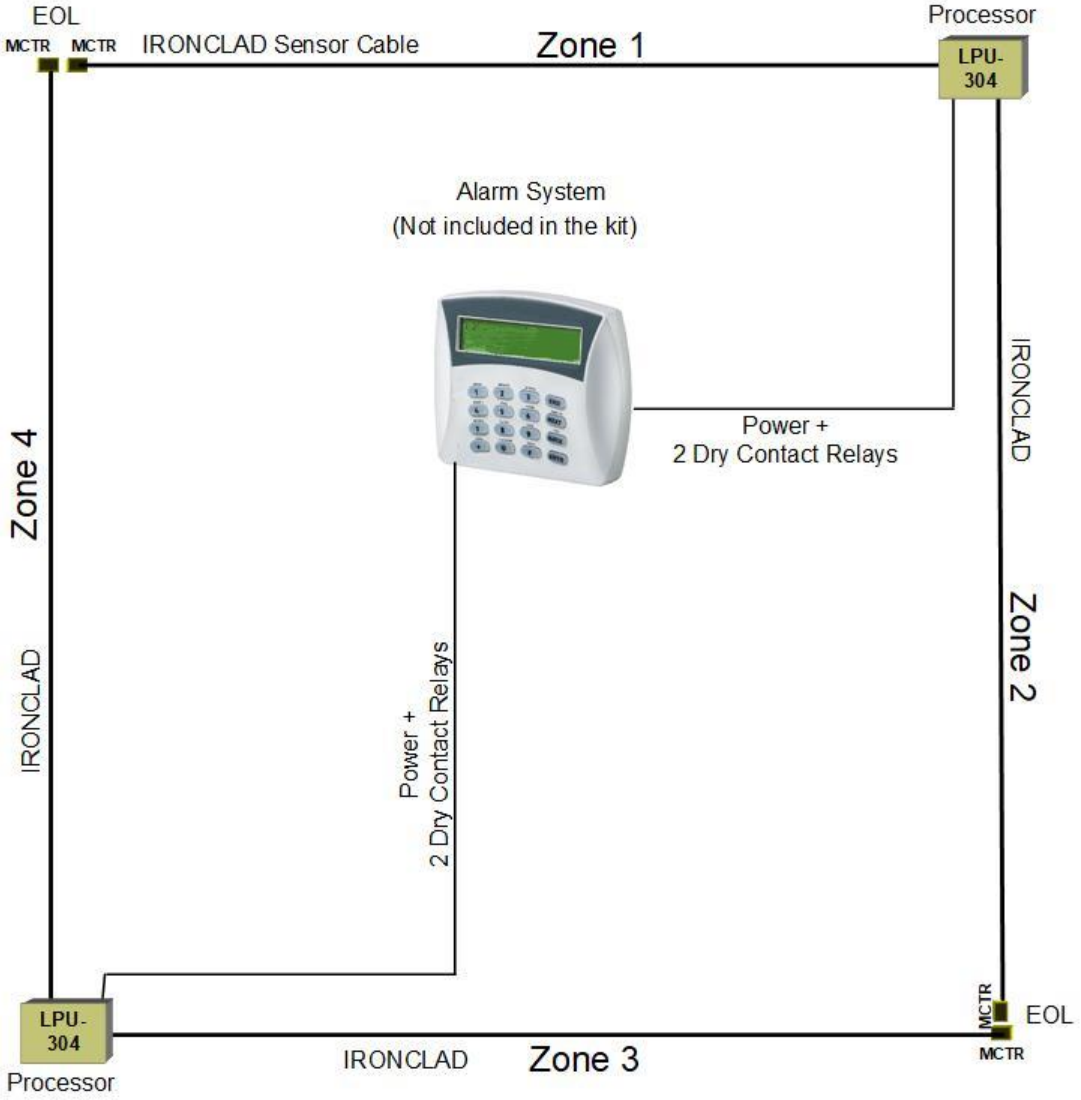
The WallAlert can be installed in multiple types of conduits/pipes.

It’s recommended not matter what type of conduit used to have it tightly installed on the wall with gaps between the conduit and the wall.

When Using Multiple Kits:

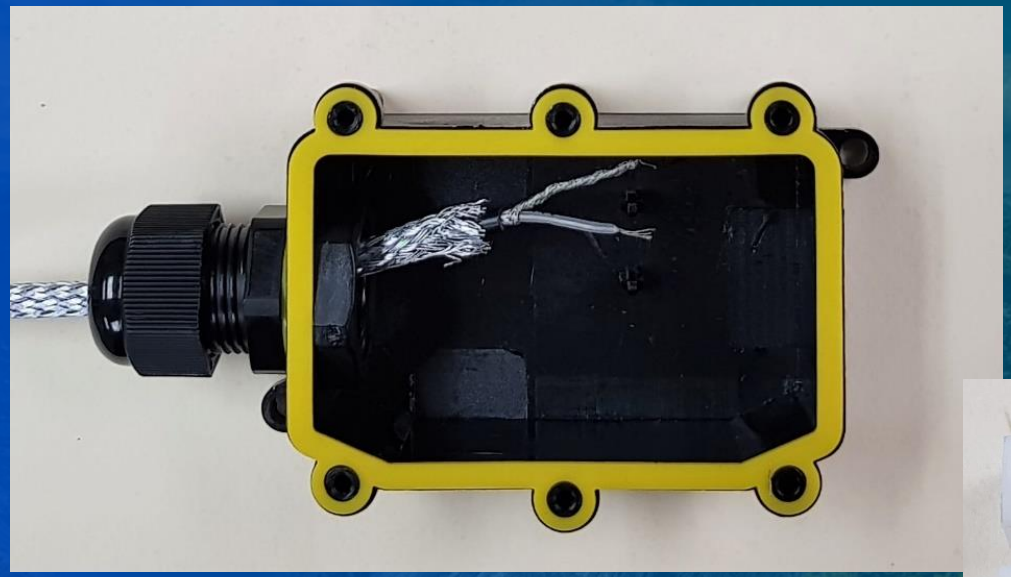
- When using more than one kit each LPU processor needs it's own home run cable.
- The 6 wire cable (recommended 18 gauge) Will carry the 12-24vdc to the LPU and carry the 2 relay outputs back to the alarm system.
- The **lead cable can be attached to the fence with the sensor cable, no conduit needed**.
  The layout drawing is an example of how the system can be wired.

IRONCLAD Multiple Standalone Systems Layout

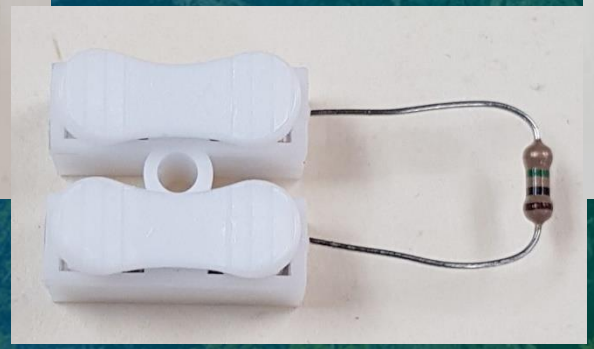


End Of Line Termination Kit - MCTR

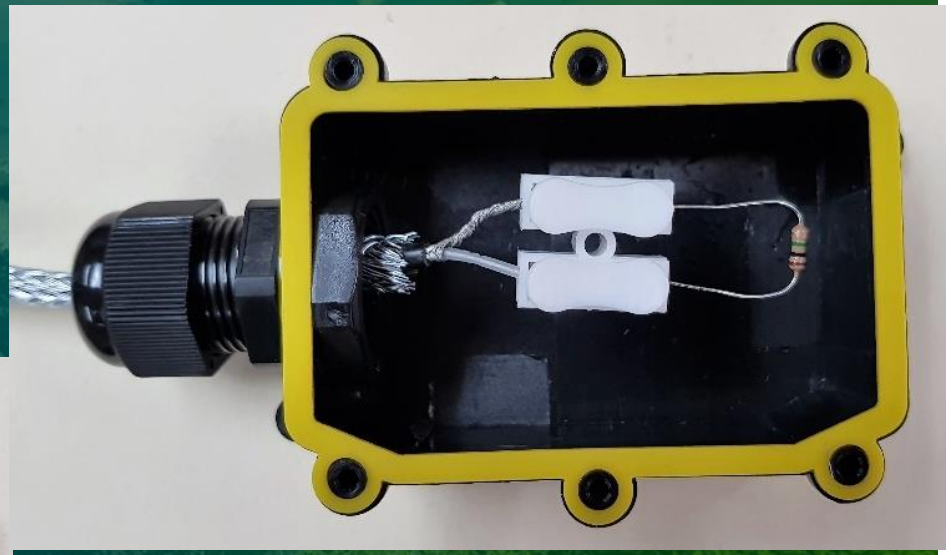
Step 1
Push the cable into the junction box



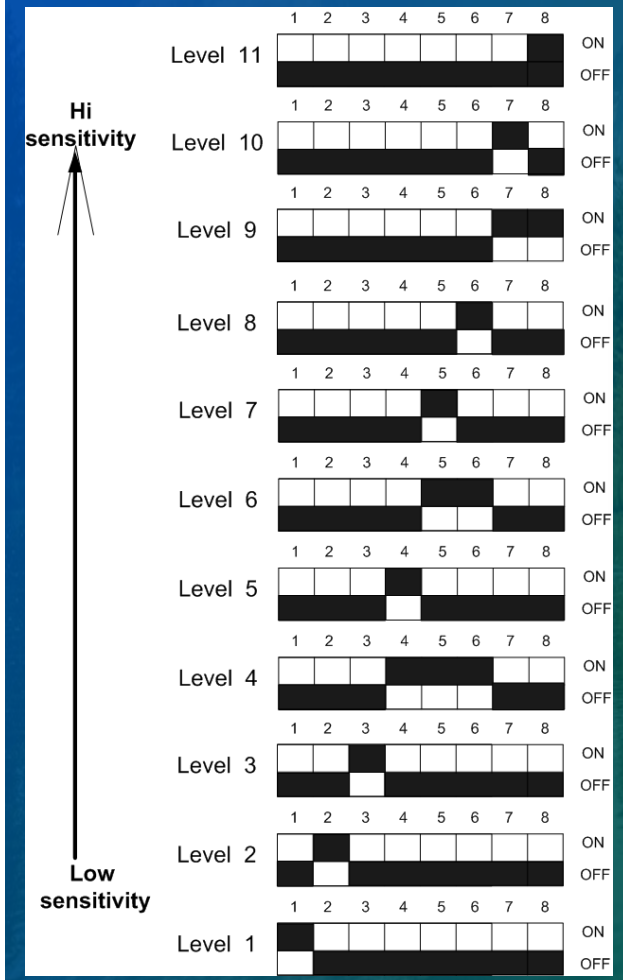
Step 2
Connect the resistor into the push terminals

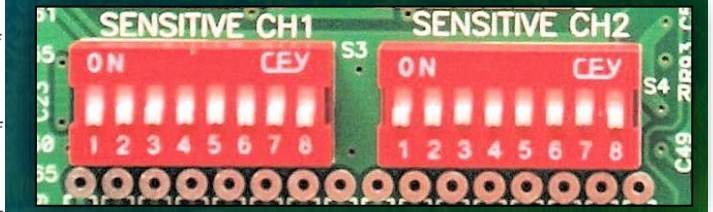


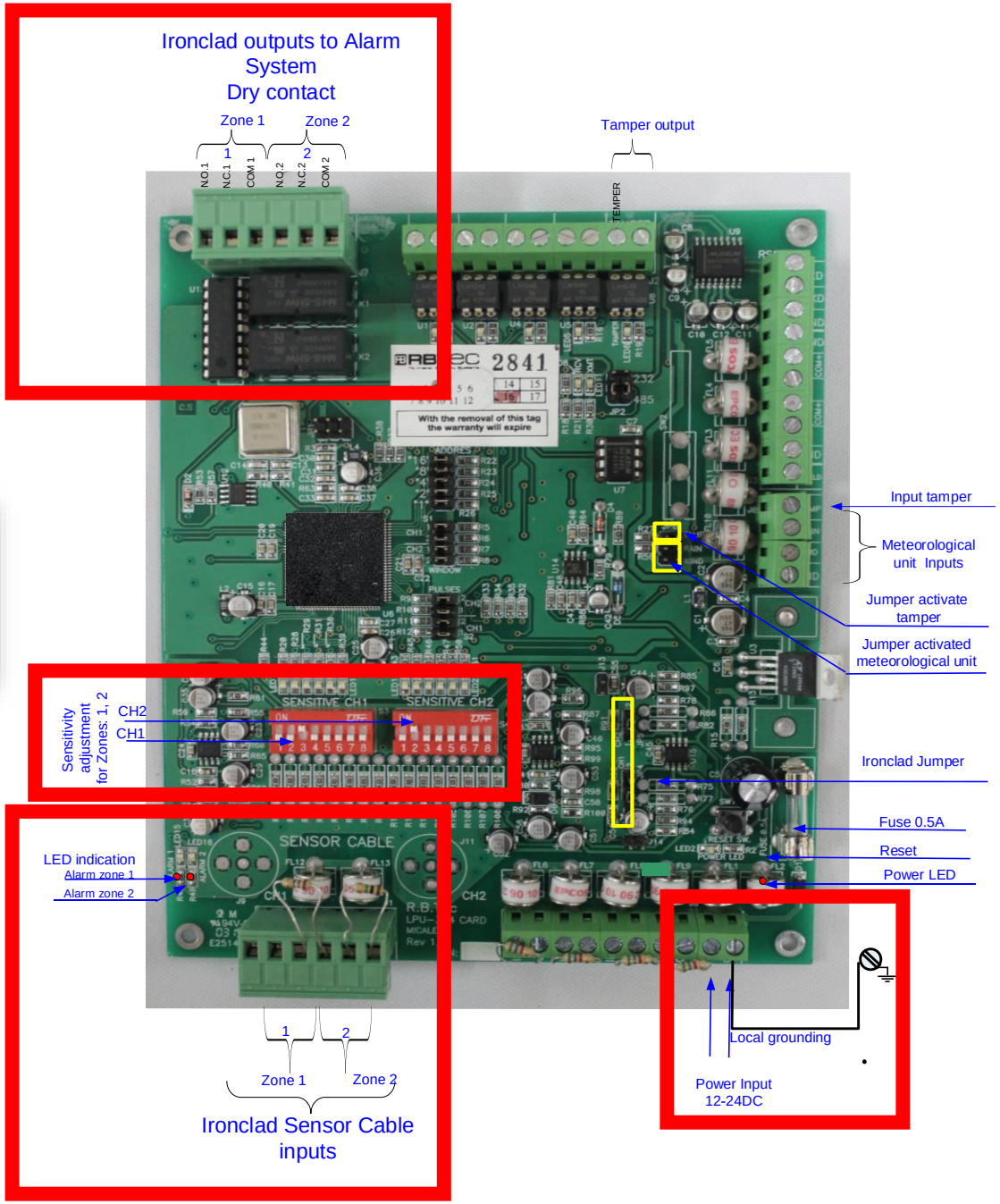
Step 3
Connect the sensor cable into the push terminals



LPU Processor







EXAMPLES OF WALLALERT INSTALLATIONS

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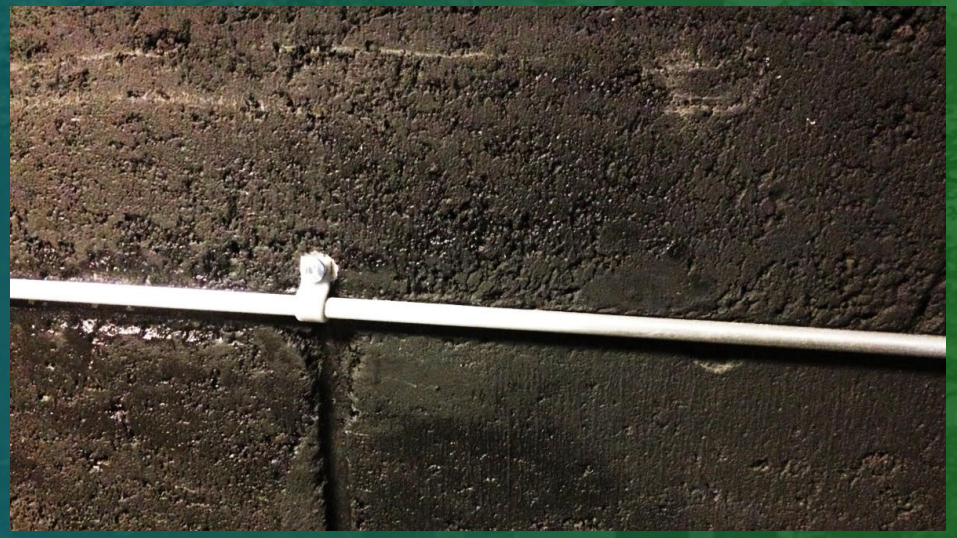

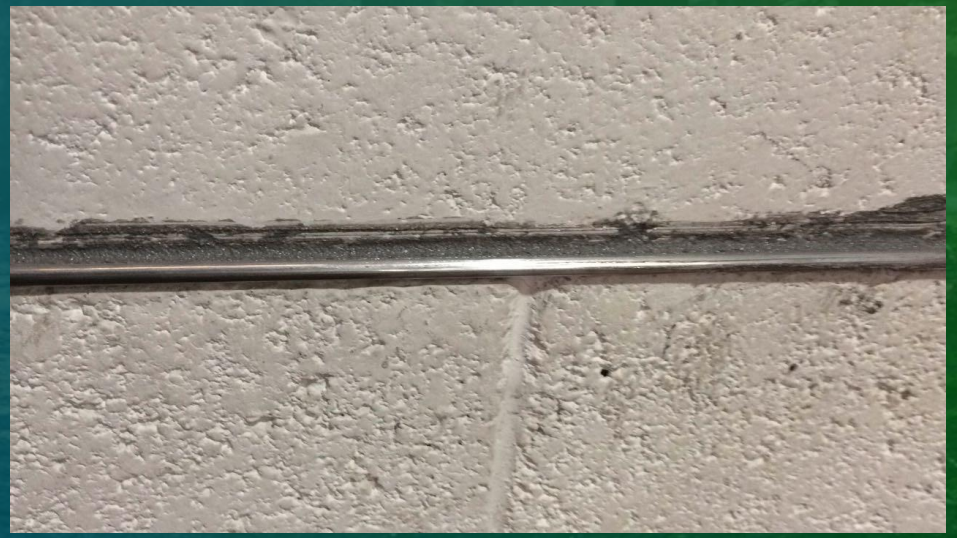

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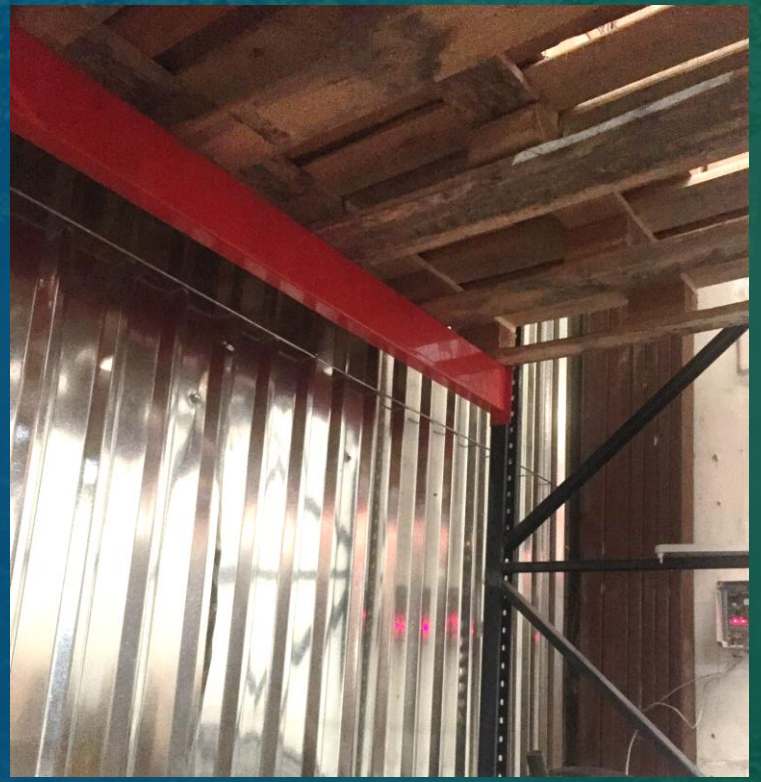

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Why RBtec?

03

Wide Range of Solutions

Broad selection of technologies, sensors, and solutions to provide customers with exceptional solution flexibility

Stability and Experience

With over 34 years RBtec is one of the most experienced companies in the market

01

04

Customer Satisfaction

At RBtec customer satisfaction is above all.

02

Israeli Made
USA Based and Stocked

*Tech Support and Stock in Derwood **Maryland***

A Growing World Presence

RBtec has provided systems for more than 2,500 security installations in more than 35 countries around the world.

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Thank you!
Any Questions?

Dori Ribak
VP Marketing & Technology
dori@rbtec.com
301-760-4016

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