

IRONCLAD[®]

SENSOR

Armored Vibration Sensor Cable



- Passive vibration sensor cable.
- Fully wrapped by stainless steel mesh
- Ideal for installation on wire fences and concertina coil.
- Easy to install and set-up.



IRONCLAD

SENSOR

The **IRONCLAD** is passive vibration sensor cable specifically designed for outdoor installation on various types of perimeter barriers such as chain link or welded mesh fences, razor type concertina coils.

The **IRONCLAD** sensor line is fully wrapped by stainless steel wire mesh acting as protection layer. Due to its appearance and unique characteristic, the **IRONCLAD** is armored fence mounted system fit for installations directly in harsh environment with no need for additional conduits

The **IRONCLAD** offers a solution for intrusion detection by the analysis of typical vibrations made by a forced entry attempt. The system can recognize motion caused by an attempt to pass through the fence and disregard signals caused by weather conditions, preventing nuisance alarms.



SPECIFICATIONS:

Single/Dual Zone Microcontroller Module (LPU-303).

Operating Power Requirements:

- 12 – 15VDC 40mA @ 12VDC

Lightening Protection:

- Gas Discharge Devices on all Inputs/Outputs & Communication line.

Alarm Outputs:

- Intrusion and Line monitoring output for each zone.
- Dry contact relays with N.O. and N.C. contacts rated 1A @ 12VDC.
- Alarm transmission via Ethernet TCP/IP.
- Alarm transmission via RS-485 Protocol.

Alarm Indicators:

- Power Status LED.
- Alarm Relay Status LED.
- Tamper Indication LED.

Connector:

F type Coax connection Sensor Cable Inputs for each zone.

Packaging:

- 1,000ft (305m) 13.78"dia 9.84" (35dia25h) Wood spool
- Weight: 44.53 lbs(20.2Kg)
- 500ft(152m) 13.38"x11.41"x11.811 '(34x29x30cm) Box
- Weight : 22.70lbs(10.3Kg)

Enclosure:

- NEMA 4, IP-65
- 9.5" x 7.5" x 2.75" (24cm x 19.5cm x 7.0cm)
- Weight: 2.2 lbs (1Kg)

Environment:

- Operating Temperature: - 40°F to 176°F (-40°C to 80°C)
- Relative Humidity up to 98% non-condensing.

Sensor Cable & Accessories:

- Maximum length per zone: 1000ft (305m).
- Steel mesh outer skin
- Diameter: 0.197" (5mm).
- Color: Silver
- UV resistant cable ties (610 per Zone)

Options:

- TCP/IP Protocol.
- RS485: Intrudalert 5500 Protocol.
- VX-25: Weather Compensation Unit (for Multi-Zone Installation).
- Armored Conduit: Vandal Resistant.
- Audio jack module.



RBtec, innovator solution provider
for perimeter intrusion detection systems.

In keeping with our policy of continuous
development we reserve the right to alter
these specifications without notice.