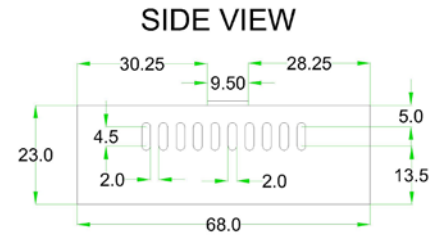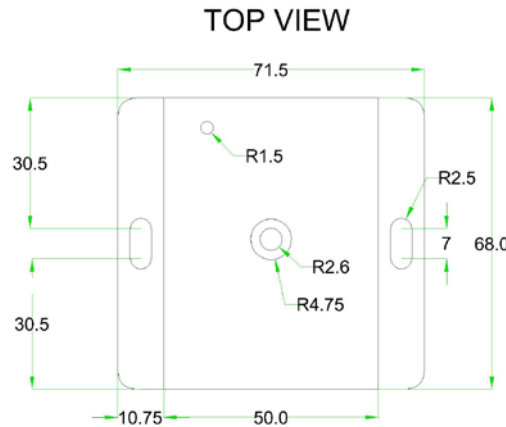# Industrial Infrared Spot Sensor (ENV-IRSPOT)

TOP VIEW

SIDE VIEW

General Description

Industrial digital SNMP & Modbus TCP sensor designed for contactless temperature monitoring inside enclosures. Optional daisy chain version can have up to 20 sensors per base unit.

Key Features

- Plugs into the base unit (BASE-WIRED).
- Powered by the base unit (BASE-WIRED).
- Compact plug & play sensor.
- 0U rack or wall mountable.

- Single zone contactless temperature sensor
- Reports average temperature from objects within its FoV
- Optional daisy chain version available for up to 20 IR Spot sensors per base unit.
- Alerts via SNMP Traps, email, SMS or voice calls.

Technical Specifications

Power Source:	SensorGateway (BASE-WIRED)
Power Usage	60 mW
Field Of View (FOV)	90° ([FOV Calculator Link](#))
Distance	Can detect IR heat from up to approximately 30m/90ft
Temperature Accuracy	+/- 1°C from 0°C to +65°C / 32°F to 149°F
Temperature Reading	-70°C to +380°C (-94°F to +716°F) in PoE mode
Reading Unit	in Celsius or Fahrenheit

Environmental and Physical Specification

Operating temperature range	0°C to +75°C (32°F to +167°F)
Humidity (operating and storage)	< 90% rH (non-condensating).
Dimensions	71.5 mm (2.8") x 68 mm (2.7") x 23 mm (0.9")
Weight	0.12kg (0.26 lbs.)