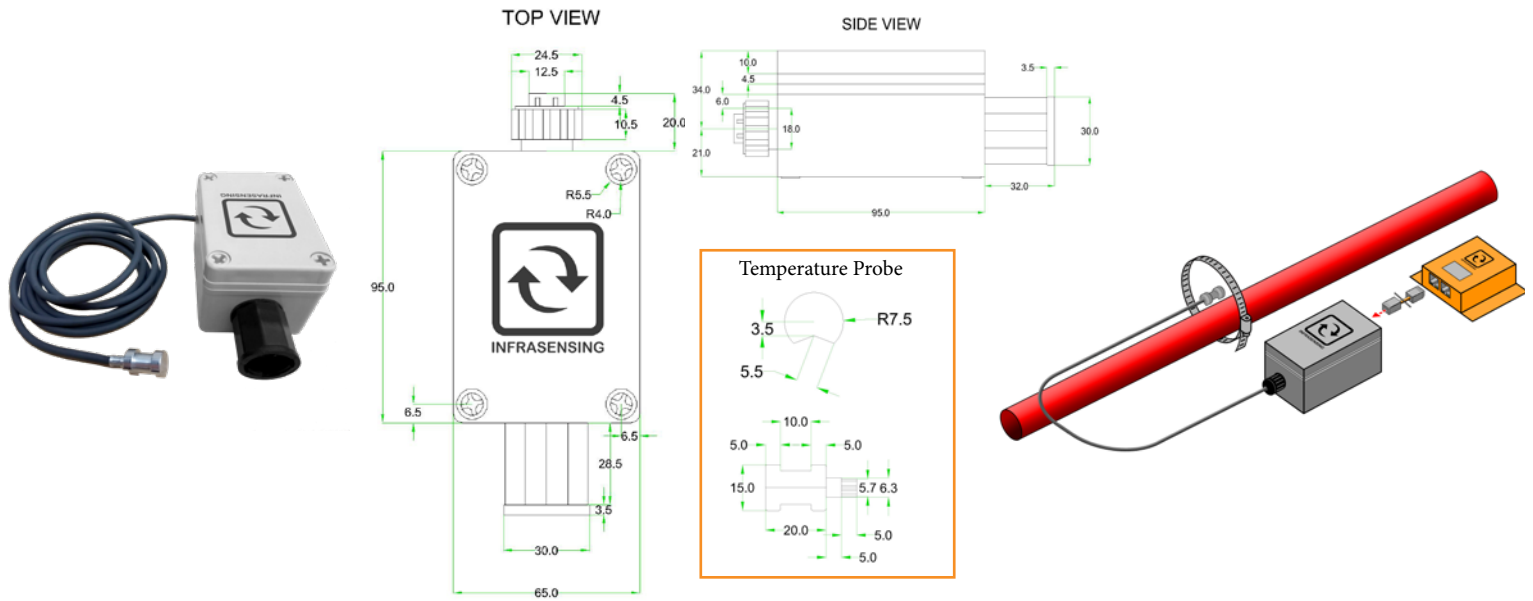




Industrial Surface Temperature Sensor (ENV-TSURFACE)



General Description

Industrial digital SNMP & Modbus TCP sensor designed to be attached to a cable or pipe and monitor its temperature.

Key Features

- plugs into the base unit (BASE-WIRED).
- powered by the base unit (BASE-WIRED).
- measures surface temperatures from -55°C to +125°C
- resolution: 0.1°C
- with a ±0.5°C accuracy in the range -10°C to +85°C.
- plastic enclosure for safety.
- attached to cable via zip tie or hose clamp.
- OU Rack or wall mountable sensor.
- alerts via SNMP Traps, email, SMS or voice calls.
- 2m/6ft sensor cable to sensor enclosure.

Technical Specifications

Power Source:	SensorGateway (BASE-WIRED)
Power Usage	60 mW
Temperature Resolution	0.1°C (0.18)°F precision
Temperature Accuracy	+/- 0.5°C (+/- 0.9 °F) from 0°C to +85°C / +/- 1°C for other ranges
Temperature Reading	-55°C to +125°C (-67°F to +257°F)
Readings in	Celsius or Fahrenheit

Environmental and Physical Specification

Operating temperature range	0°C to +75°C (32°F to +167°F)
Sensor Housing Material & RJ45 cable gland protection rating	IP 68
Dimensions	65 mm (2.5") x 95 mm (3.74") x 55 mm (2.16").
Probe dimensions	50 mm long with Stainless steel probe with 1.82 m (6 ft.) long, high-temp silicone rubber cable
Weight	0.57 kgs (1.26 lbs.)