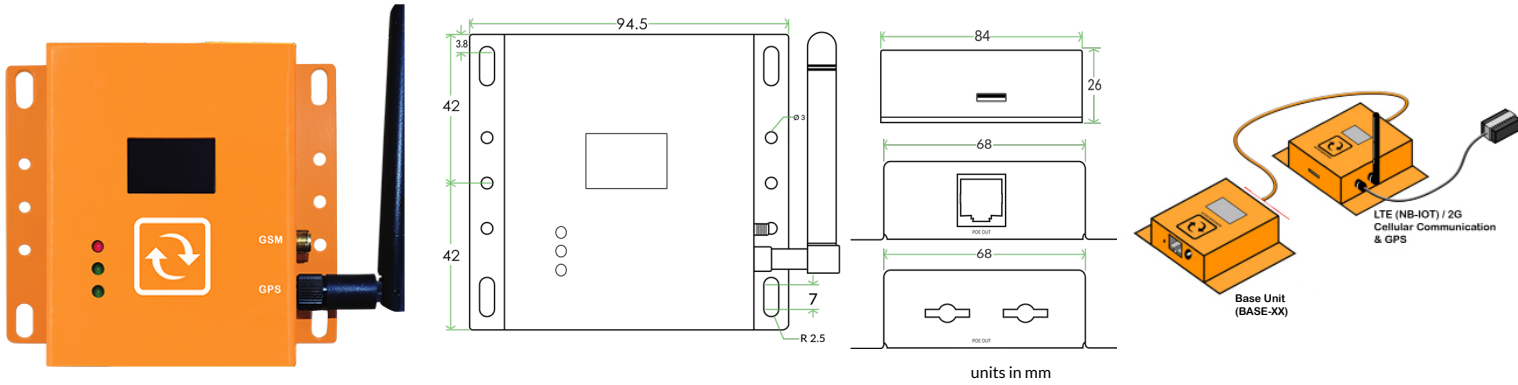




LTE/3G/2G Communication Add-On (ADDON-LTE)



The LTE/3G/2G communication solution ensures uninterrupted critical alerts globally, even during IP network outages. With LTE Cat 4, 3G, and SMS alerting via GSM modem, it offers reliable connectivity. Featuring ultra-low power consumption, optional GPS positioning, and dual SIM functionality with automatic switching, it ensures efficiency and high availability. Approved by major providers like Deutsche Telekom in Europe and AT&T/Sprint/U.S. Cellular/Telus/Rogers in Canada, it meets stringent standards.

Sensor Metrics:

LTE FDD	FDD/B2/B4/B12
Optional positioning	GPS
Wireless module	Quectel wireless module embedded
Carrier approvals	Deutsche Telekom(Europe), AT&T/Sprint/U.S. Cellular/Telus/Rogers(Canada)
Regulatory approval	GCF (Global), CE (Europe) , FCC (North America), IC (Canada), Anatel (Brazil), IFETEL (Mexico), SRRC/CCC/NAL (China), KC (South Korea), NCC (Taiwan, China), JATE/TELEC (Japan), RCM (Australia & New Zealand), FAC (Russia), NBTC (Thailand), IMDA (Singapore), ICASA (South Africa)

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	2800 mW

Environmental Specifications:

Operating temperature range	-40°C to +85°C (-40°F to +185F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	0U rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	94.5mm (3.72") x 84mm (3.31") x 26mm (1.02")
Weight	181.1g (0.399 lb)