

Wireless Gateway ANTR2001

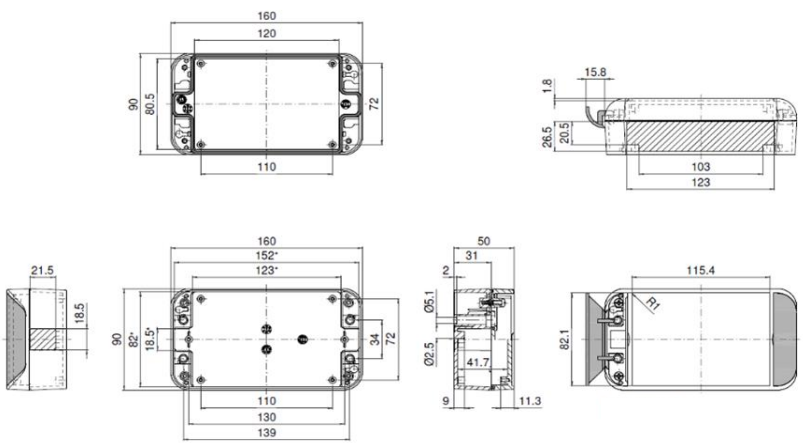
Key Features

- Global Remote Monitoring
- RF / WIFI Gateway
- Secure communication with cloud
- Ambient Temperature and Humidity Monitoring

Key Benefits

- Reduce Downtime and increase Efficiency
- Proactive Maintenance
- Improve Safety
- Reduce Maintenance costs



Measurement		Physical	
Temperature Measurement Range	-40 to 120°C (-40 to +248 °F)	Dimensions	See Drawings
Temperature Measurement Accuracy	±2 °C Typical. ±0.5 °C (15 to +40 °C)	Weight	320g
Temperature resolution	0.01°C	Material	ABS
Relative Humidity range	0 to 100%	Mounting	Screwed – Wall or panel mounted
Humidity Accuracy	±3.5% rH, 20 to +80% rH	Environmental	
Humidity Resolution	0.02% rH	Operating Temperature	-40 to 80°C (-40 to +176 °F)
RSSI range	-146dB to +100dB	Sealing	IP54
RSSI resolution	1dB	Shock	50g
Communication			
Protocol	CoAP over TCP, encrypted with AES		
Authentication	RSA public and private key pairs		
Transmission Range	100m (depends on actual site)		
RF Frequency Band	433MHZ (ISM band)		
WIFI Frequency Band	2.4GHz (ISM band) (IEEE 802 11b/g/n)		
Power			
12V DC	Q Current 100mA / Peak 500mA		
Battery for RTC	Replaceable 3V Lithium Coin Cell		