

Evergateway

Our Bridge to Continuous Insight for Everactive's Batteryless, Wireless Sensors



Evergateway provides the bridge to enable batteryless sensors to continuously stream data to the cloud, providing a 24/7 alarming service.

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Features

Physical robustness to survive the toughest of industrial environments:

- » Polycarbonate enclosure
- » Spray down tested to achieve
- IP-65 rating
- » Additional enclosure for
- Class I, Division 2

Versatile connection options:

» Supports LTE & WiFibackhaul optionality» Power over Ethernet support

Designed to accommodate the range requirements of various Everactive industrial sensor applications:

» Supports up to 1,000 sensors per gateway

» Longer range than Bluetooth Low Energy solutions with 250m range in industrial environments

» Proprietary Evernet protocol to manage sensor data traffic

Evergateyway Product Specification

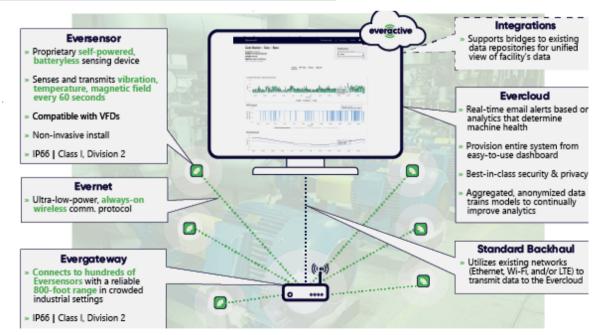


Evergateway

Power Supply Options			
AC Main Power	AC Input 85-264V~, 0.35A/115V 0.25A/230V, 47-63 Hz		
Power over-Ethernet	Compliant with IEEE 802.3af		
Wireless Communic	cations		
Protocol to Eversensor	Evernet, proprietary sub-GHz link		
Protocol to Evercloud	LTE, Wi-Fi, or Ethernet		
Dual transmission interval	Configurable, default every 60 seconds		
Range (non-line-of-sight)	Up to 820 ft. (250m)		
Range (line-of-sight)	Up to ½ mile (1km)		
Mechanical			
Ingress protection class	IP65		
Hazardous location	Class I, Division 2 with added enclosure		
Operating temp. (Eversensor)	-22°F to 158°F (-30°C to 70°C)		
Storage temperature	-40°F to 185°F (-40°C to 85°C)		
Vibration Resistance	10-60Hz @ 0.44mm 60-3200Hz @ 3.0g		
Shock & impact resistance	100g @ 6ms		
Dimensions	8" x 5" x 2" in.		
Weight	4 lbs.		
Mounting	Dual-sided adhesive mounting option		



Evergateway (above) enables the connection of Eversensors to the Evercloud or other preferred software through the API.



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Evergateyway Product Specification

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