

# AXIS360-Industry Gateway

## LORAWAN™ INDUSTRY GATEWAY

The Axis360 LoRaWAN™ Industry gateway (based on the Multitech Conduit) is a quick-to-deploy and simple-to-scale, programmable gateway designed for the Internet of Things (IoT). It is one of the industry's most configurable, manageable, and scalable communications gateway for industrial IoT applications. It is suitable for both Public and Private LoRaWAN™ projects.

The Gateway provides wide coverage across warehouses, retail units and factories, with connectivity options for external antenna. The Industry Gateway offers exceptional range and performance connecting thousands of IoT assets over the LoRaWAN™ networks. With a rugged metal enclosure, the unit can be installed desktop, surface or wall mounted for extended coverage.

- LoRaWAN Coverage - up to 3kms urban, 500 metres indoors\*
- Integral support for a variety of public or private networks
- AEP graphical user interface, and local LoRaWAN™ server
- LoRa® Alliance Certified, LoRaWAN™ ready, CE certified
- Ethernet (RJ45) – optional Wifi (b,n,g) or LTE Cellular (SIM)



## DESCRIPTION

A LoRa® Gateway providing reliable coverage in both large indoor spaces or disperse outdoor locations (\*requires external antenna). Provides line of sight coverage up to 20 kms (external) or 3 kms in urban areas\*. Suitable for individual or group configuration to eliminate network dark spots and maximise reach. Onward connectivity via the Ethernet RJ45 (Static or DHCP), optional WIFI or upgrade to LTE Cellular as primary or failover connection. Configurable via the full graphical interface AEP, with full LoRaWAN™ Server, Node Red and LoRa® Packet Forwarder support to Public or Private Network Servers.

## Solutions

- Industrial applications
- Warehouses, Distribution sites
- Farms, Theme Parks, Car Parks

## SPECIFICATION

Antenna	LoRa Female SMA, Cell 2dBi (Qty 2)	27dBm max output
Connectivity	Ethernet (RJ45)	Optional 3FF Micro SIM
Enclosure	Size (161mm x 107mm x 42mm)	Weight 1.45kg

## OPERATION

Operating temperature	Min	-30°C	Max	+70°C
Communication range	Line of sight (*Antenna)	20 kms*	Urban (up to)	3 Kms*
Installation	Wall or Desktop mount		Power gv UK/EU	

\* Subject to environmental factors and placement of sensors and gateways