Link Network Gateway

The Link Network Gateway is the distributed brain of our asset management system capable of supporting both the Omni-ID proprietary radio protocol and the IEEE 802.15.4 protocol. The Network Gateway is able to communicate with the View Tags and Power 415 in real time, enabling the relay of key data points back to the central server.
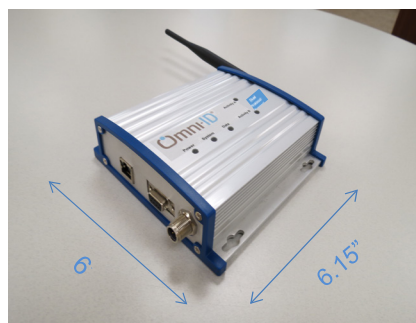
Applications

The Link Network Gateway is ideal for applications requiring asset management such as:

▶ Manufacturing

▶ Logistics

▶ Materials flow

▶ Industrial Assets Management

Physical Specifications

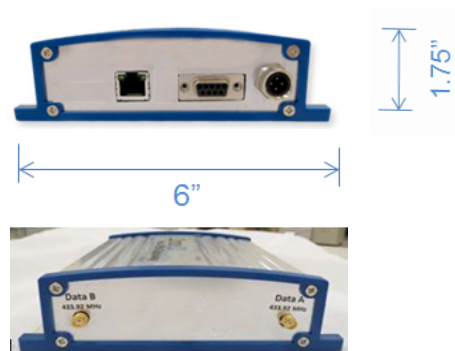|	
Construction	Extruded Aluminum
Size (mm)	152.4 x 156.2 x 44.5
Size (in)	6.00 x 6.15 x 1.75
Weight (g) Weight (lbs)	520 1.15
Attachment	Screw mount via flange

Interfaces

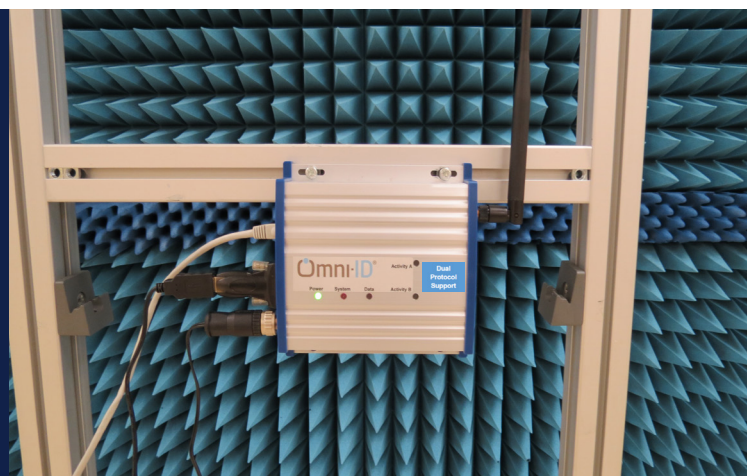|	
Input	10/100 Mb Ethernet
Configuration	Via integrated serial port or remote login via Ethernet
Power	Dedicated DC input (6-30 V)
Radio communication	Two 433.92 MHz channels standard
Radio Protocol (software selectable)	Omni-ID Proprietary (ProVIEW) IEEE 802.15.4f (receive only)

Environmental Specifications

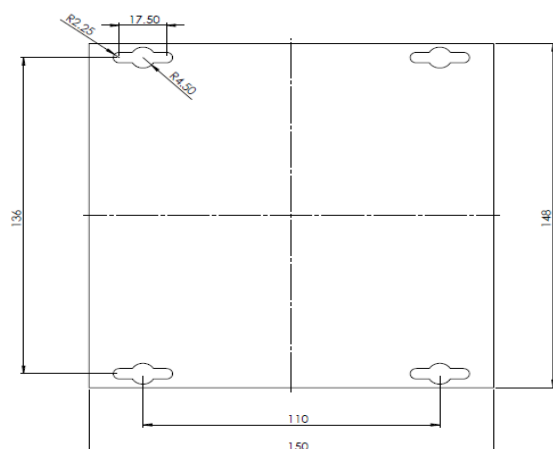|	
Storage Temperature	-40° C to +60° C
Operating Temperature	0° C to +50° C
IP Rating	IP54 (dust resistant, wet wipe down)
Ruggedness	Designed for use in industrial environments. Resistant to impact and abrasion
Warranty	1 year

Dimensions stated in inches

Powerful Features:

▸ Multiple radio protocol support enables use with ProVIEW software, View 3 and View 4 tags or Power 415 tags and infrastructure.

▸ Supports the Omni-ID Common Gateway Protocol to allow seamless integration with existing Omni-ID installations.

Screw Mount Attachment

Certifications:

▸ EN55022 Class A, EN50082-2
▸ RoHS
▸ FCC Class A digital device according to FCC Part 15 and ICES-003
▸ CE mark

Ordering Information

Order Numbers	Description
OMNI-NGW	Omni-ID Link Network Gateway with Ethernet and 2 Radio Modules (includes universal power supply)
OMNI-NGW-AMC	Network Gateway Annual Maintenance contract includes upgrades and fixes automatic notification, phone support, license key transfer service
OMNI-CDL	Connected Device License for each additional device connected to the software. One included with each application

Related Components

Order Numbers	Description
OMNI-V3	Omni-ID View 3 Visual display tag
OMNI-V4	Omni-ID View 4 Visual display tag
OMNI-P60 OMNI-P65	Omni-ID Power 60 (Omni-ID proprietary protocol) Omni-ID Power 65 (IEEE 802.15.4f protocol)
OMNI-P100 OMNI-P115	Omni-ID Power 100 (Omni-ID proprietary protocol) Omni-ID Power 115 (IEEE 802.15.4f protocol)
OMNI-P415	Omni-ID Power 415 Active tag
OMNI-MGW	Omni-ID Link Mobile Gateway
OMNI-DANT	Omni-ID 433 MHz Dipole antenna
OMNI-IANT	Omni-ID 433 MHz Omnidirectional antenna

Omni-ID office locations: US | UK | China | India | Germany

For product or technology inquiries email: sales@omni-id.com