Omni-ID®

Omni-ID® Power 60

The Power 60 is an active tag designed for tracking personnel and their interactions with tagged assets. Made to be clipped to clothing or worn around the neck on a lanyard, the Power 60 is ideal for applications requiring real-time information about workers.

Applications

The Omni-ID Power 60 is an ideal tag for applications requiring long range personnel tracking in varied environments such as:

‣ Oil and Gas platforms

‣ Construction sites

‣ Manufacturing facilities

‣ Personnel management

Physical Specifications

Construction	Glass-filled Polycarbonate
Size (mm)	95.47 × 63.87 × 10.0
Size (in)	3.76 × 2.51 × 0.39
Weight (g)	53
Attachment	Lanyard/clip slots for horizontal or vertical mounting

Dimensions

Dimensions in mm

RF Specifications

Battery	Lithium metal pouch
Battery Life	Up to 5 years
Beacon Rate	3 - 60 sec (configurable)
Read Range	100m typical
Data Communication	433 MHz Active Radio
Protocol	Power 60 - Omni-ID Proprietary Power 65 - IEEE 802.15.4f
Configuration	EPC Gen 2 interface with data bridge functions
User Interface	Integrated button allows for asynchronous signaling
Badge Holder	Holds ISO/IEC 7810 ID-1 card

Environmental Specifications

Storage Temperature	-20°C to +60°C
Operating Temperature	-20°C to +45°C
IP Rating	IP65
Ruggedness	4' drop to concrete Shock: 20 G's/9ms Vibration: Sinusoidal 3G 50-500 Hz Random 4G 50-500 Hz
Warranty	1 year

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Powerful Features

▸ Low power consumption for long battery life

▸ EPC Gen 2 interface for easy configuration and management

▸ Seamless integration with existing ProVIEW or Power 415 installations and infrastructure

▸ Designed to hold industry-standard Identification badges

Related System Components

OMNI-V3	Omni-ID View 3 Visual display tag
OMNI-V4	Omni-ID View 4 Visual display tag
OMNI-P415	Power 415 Rugged active tag
OMNI-P100/115	Power 100 Industrial active tag
OMNI-NGW	Link Network Gateway (Ethernet)
OMNI-MGW	Link Mobile Gateway (USB/Bluetooth)
OMNI-IANT	Industrial Antenna - omni-directional, horizontally polarized

Ordering Information

OMNI-P60	Personnel tracking active tag, Omni-ID proprietary protocol
OMNI-P65	Personnel tracking active tag, IEEE 802.15.4f protocol
OMNI-P60-X OMNI-P65-X	Intrinsically safe versions of the above two products

Certifications:

Europe (CE): EN 300 220-2 V2.4.1, EN 301 489-3 V1.6.
FCC: CFR47 Part 15.231 , CFR47 Part 15.109(a)
ISED: RSS-210, Issue 8 , ICES-003

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