Omni-ID®

Power Range – Active tags

Product Name	Power 60/65	Power 100/115	Power 400/415
Typical Applications	Oil & Gas platforms Construction sites Manufacturing facilities Personnel management	IT Data centers Manufacturing facilities Warehouse management	**Manufacturing:** Mobile carts, containers and trolleys **Logistics:** Lay down yards, vehicles and docks **Construction:** Staging and materials tagging

RF Specifications

	Power 60/65	Power 100/115	Power 400/415
Data Communication	Active 433.92	Active 433.92	Active 433.92 Passive 860 – 930
Typical Active Read Range (m)*	Up to 100m	Up to 150m	Up to 400m
Battery Life[1]	Up to 5 years	Up to 5 years	Up to 5 years
Protocol	Power 60 - Omni-ID Proprietary Power 65 - IEEE 802.15.4f	Power 100 - Omni-ID Proprietary Power 115 - IEEE 802.15.4f	Power 400 - Omni-ID Proprietary Power 415 - IEEE 802.15.4f

Physical and Environmental Specifications

	Power 60/65	Power 100/115	Power 400/415
Construction	Glass-filled Polycarbonate	Black PCB / ABS blend	Polycarbonate Interior with overmolded TPE
Size (mm)	95.47 × 63.87 × 10.0	58.48 × 34.83 × 14	120 × 36 × 30
Weight (g)	53	29	92
Operating Temperature	-20°C to +45°C	0°C to +40°C	-40°C to +60°C
IP Rating	IP65	IP65	IP68 Nema PW12 (High pressure liquids immersion)
Shock and Vibration	Shock: 20 G's/9ms Vibration: Sinusoidal 3G 50-500 Hz, Random 4G 50-500 Hz 4' drop to concrete	Shock: 20 G's/9ms Vibration: Sinusoidal 3G 50-500 Hz, Random 4G 50-500 Hz 4' drop to concrete	4' drop to concrete MIL STD 810-G
Attachment	Lanyard/clip slots for horizontal or vertical mounting Clips for ID badge attachment included	Vertical or horizontal mounting via adhesives screw or clip	Screw attachment –(2) #8 screws 5mm (0.2") Cable tie slots each end
Order Codes†	OMNI-P60 - Omni-ID proprietary protocol OMNI-P65 - IEEE 802.15.4f protocol OMNI-P60-X, OMNI-P65-X (ATEX/IECEx Certification- option)	OMNI-P100 - Omni-ID proprietary protocol OMNI-P115 - IEEE 802.15.4f protocol OMNI-P100-X, OMNI-P115-X (ATEX/IECEx Certification-option)	OMNI-P400 - Omni-ID proprietary protocol OMNI-P415 - IEEE 802.15.4f protocol OMNI-P400-X, OMNI-P415-X (ATEX/IECEx Certification)

† Order Option Codes are listed on the datasheets.   *Read Distance can vary based on site characteristics, base station antenna type, height distance and tag configuration.
1 Actual battery life could be greater depending on configuration and use.

Values for Comparison only, please refer to Product Datasheets for full specifications.   © 2017 Omni-ID. All rights reserved.

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