

Power Range – Active tags

FEATURED COMPARISON GUIDE

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	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	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.