

POWER 400 POWER 415

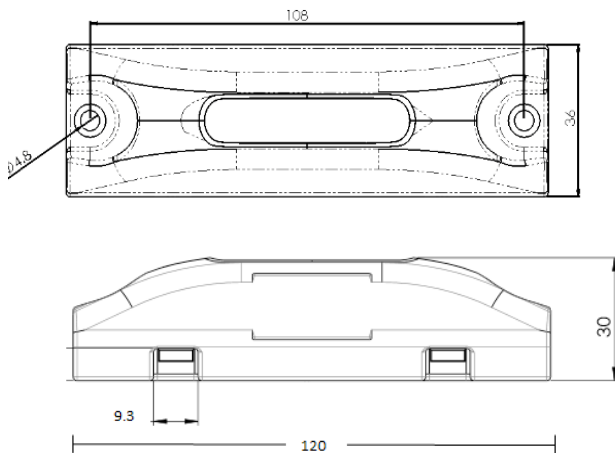
The Power 400 and Power 415 are rugged active tags capable of tremendous performance while tracking assets in the harshest of environments. Available in 2 protocols, the Power 400 uses a proprietary protocol and the Power 415 the IEEE protocol. Both active tags are over-molded for maximum durability with radio communications that penetrate snow/moisture and provide exceptional distance.



Physical Specifications

Size (mm)	120 × 36 × 30
Size (in)	4.72 × 1.42 × 1.18
Weight (g)	92

Dimensions



Dimensions stated in mm. Dimensions apply to both Power 400 and Power 415.

Environmental Specifications

Operating Temperature	-40°C to +60°C
IP Rating	IP68 Nema PW12 (high pressure liquids immersion)
Shock and Vibration	IK07 4' drop to concrete MIL-STD-810G
Attachment	Screw attachment with two #8 screws 5mm (0.2") Cable tie slots each end
Colors and Labeling	Gray is standard with custom color options Yellow is available for ATEX/IECE Can be source encoded and labeled
Warranty	1 year

Dual Radio Active Passive

	Active	Passive
Battery		Not required
Power 400/415	Up to 5 yrs	
Power 400-X/415-X	Up to 4 yrs	
Frequency Range	433 MHz	860 – 930 MHz
Read Range ¹	up to 400m	3 – 6m
RFID Protocol		EPC Gen2 passive tag for configuration, payload specification and firmware upgrade
Power 400	Omni-ID proprietary	
Power 415	IEEE 802.15.4	

1. Read distance can vary based on site characteristics, base station antenna type, height distance and tag configuration.

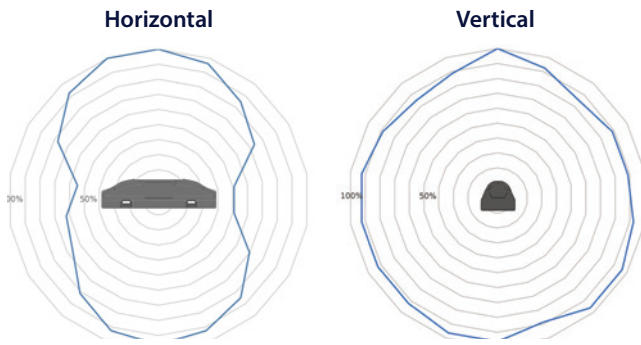
2. Outdoor installation typical power settings shown.

Optimal environments can significantly enhance performance.



POWER 400
POWER 415

Radiation Pattern



Ordering Information

Order Numbers: OMNI-P400
OMNI-P415

Options: X:317 (ATEX/IECEx Certification)
:701 Standard Service Bureau

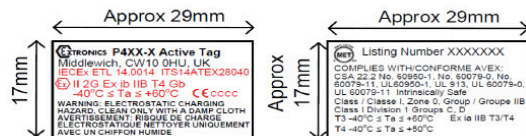
Minimum order quantities apply.

Certifications EN55022 Class A, EN50082-2
RoHS, IECEx, ATEX, CE
FCC Class A digital device according to FCC Part 15



Related Products

Product Names	Description
Link Network Gateway	Intelligent Transceiver Station, Ethernet, 24V power, enabling the relay of key data points back to the central server.
Link Mobile Gateway	A radio module enabling wireless connectivity and conversation between the tags and system.



IECEx Certification Laser Marking on the side of the tag

Visit logiscend.panasonic.com to learn more.

For more information, please contact IIoT.sales@us.panasonic.com

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