![Omni-ID® Building Intelligent Supply Chains]

Omni-ID® Power 400

The Omni-ID Power 400 is a rugged active tag capable of tremendous performance while tracking assets in harsh environments. Over- molded for maximum durability and providing flexible mounting options, the Power 400 includes enough battery capacity for at least 5 years of duty in almost all applications. Radio communications penetrate snow/moisture and provide exceptional distance.
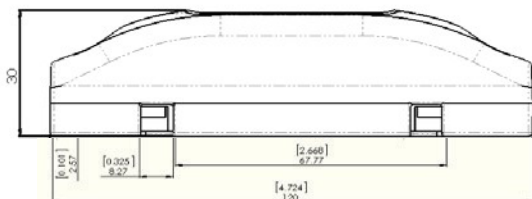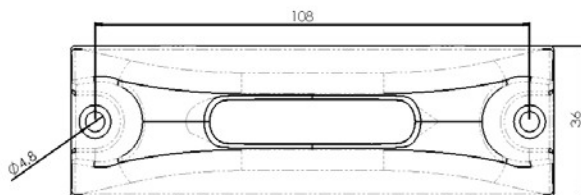
Building Intelligent Supply Chains

Omni-ID Power 400 is perfect for applications requiring long range asset tracking, particularly in harsh environments:

◊ Manufacturing: Mobile carts, containers and trolleys

◊ Logistics: Lay down yards, vehicles and docks

◊ Construction: Staging and materials tagging

Physical Specifications

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

Power*	5 yrs or 52 mil transmits under normal use	Not required
Frequency Range	433 MHz	860 – 930 MHz
Read Range **	400m	3 - 6m
Memory	n/a	1kbit
RFID	Proprietary	EPC Gen2 passive tag wakeup and data bridge (Monza® X-2K)

* Outdoor installation typical power settings shown.
**Read distance can vary based on site, base station antenna compatibility and tag configurations.

On Plastic

Large Metal Sheet

Building Intelligent Supply Chains

Visit www.omni-id.com to learn more about
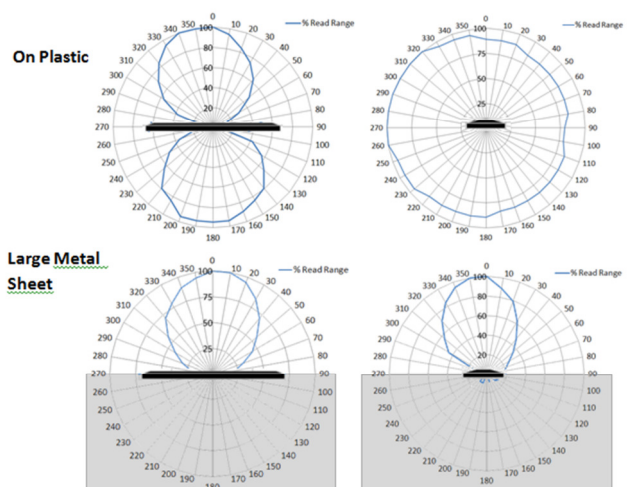
Powerful Features:

- Long Battery Life — Battery lasts at least 5 years under typical use cases
- Integrated Passive Tag — Track, trigger and commission with standard readers
- Exceptional Toughness — Fully sealed and over molded for the most rugged use.
- High Gain Internal Antenna— Exceptional range and performance in snow, ice or mud.

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-810F
Attachment	Screw attachment with two #8 screws 5mm (0.2") Cable tie slots each end
Colors and Labeling	Gray with custom color options Can be source encoded and labeled
Certifications	EN55022 Class A, EN50082-2 CSA, RoHS FCC Part 15 and ICES-003
Warranty	1 year

Ordering Information

Product Name:	Description
OMNI Power 400	Active RFID tag (433 MHz) Outdoor rated Shipped in minimum boxes of 128

FCC Compliance
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Omni-ID office locations: US | UK | China | India | Southeast Asia

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