

## NA1800 Extended-Range UHF Tag

### Long-Range RFID UHF Tag



#### KEY FEATURES:

- Battery-free
- Consistent read range up to 50 ft\*
- Operating frequency of 860-960MHz
- EPC compliant – UHF Class 1 Gen 2
- Multiple mounting options
- Reliable performance
- Extreme durability – IP68

The NA1800 passive heavy duty Extended-Range UHF Tag improves data collection speed and accuracy for logistics applications, while making tracking more cost-effective. The tag technology enables anti-collision functionality, fast data-rate communication and password data protection for precise, reliable reading as well as the ability to update each tag's 512-bit read/write memory.

#### Mounting Possibilities

TagMaster NA's heavy duty NA1800 Extended-Range UHF Tag is lightweight, waterproof, and can be mounted on metal, plastic or wood. The tag is suited for outdoor use in extreme conditions and on vehicles with UV-coated windshields.

#### Extended-Range Identification

The tag can be identified at up to 50 ft\* using a TagMaster NA UHF RFID Reader. TagMaster NA's UHF tags are battery- and maintenance-free, allowing for reliable and hands-free access in a cost-effective manner.

#### Applications

The NA1800 Extended-Range UHF tag is ideal for the following applications:

- Trucking depots and transportation
- Mines and quarries
- Ground transportation management systems (GTMS)
- Bus depots and terminals
- Commercial parking and corporate parking areas
- Commercial vehicle management systems (CVM)

#### Part No. Information

Extended-Range UHF Tag

NA1800

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## SPECIFICATIONS

Technical Information	Extended-Range UHF Tag
<b>Part No. NA1800</b>	
Detection Range	Up to 50 ft* with XT-5 and XT-1 Reader
Operating Frequency	USA 902 - 928 MHz, EU 865 - 869 MHz
Operating Temperature	-35°C to +85°C / -31°F to +185°F
Dimensions	6.1" x 1.02" x 0.57" (155mm x 26mm x 14.5mm)
Color	Grey
Encapsulation	Engineered Plastics
Compatible Readers	XT-5, Product No. 152900 XT-1, Product No. 152600
Memory	128 bit EPC, 96 bit TID, 512 bit User
Minimum Order Quantities	100 standard / 1,000 customizable per tag type

\*Depends on Reader type and mounting

*\*The information in this document is subject to change without prior notice.\**