Wireless Location Tracker

Built For TID/EPC Tagged Objects

AZN3400

APPLICATIONS
Objects with Known TID Number
Objects with Known EPC Number
Tags in Shared Field with TID/EPC

KEY FEATURES
User-Accessible Memory:
64-Bit Unique Tag ID
128-Bit EPC
192-Bit Use Memory
Dimensions:
100 x 12 mm
Worldwide UHF:
860 MHz to 960 MHz
On-Chip Received Signal Strength Indicator (OCRSSI)
Off-Chip LED Drive Capabilities
Battery-Free Wireless Operation
Meets ISO/IEC 18000-63
Meets EPCglobal™ Gen2 (v. 2.)
Powered by Magnus®-3LED

Battery-Free Equipment Tracking
Powered by Magnus® 3LED Locator RFID Transponder IC, AZN3400 is a fully compliant UHF RAIN tag with the added capability of lighting an LED in response to a select command. This feature can be used to locate a tagged object with a known TID or EPC number or to locate a group of tags with a shared field in the TID or EPC. AZN3400 can be read by class 1 gen 2 v2 and ISO/IEC 18000-63 compliant readers, and the LED can be controlled using a protocol compliant select command. More information can be found at www.axzon.com in the IC data sheet, which details the exact specifications and capabilities of AZN3400.

Wireless Locator
The AZN3400 allows users to quickly locate and retrieve any misplaced objects through the use of RFID technology and LED lights. When commanded to, the AZN3400 will use an object's unique TID or EPC identification number to trigger an LED light, allowing for the swift discovery of any missing entity. This advanced, Magnus® powered technology gives users the ability to find a needle in a haystack.

Designed to Locate
The AZN3400 offers cost-effective solutions to problems faced in various industries. Applications include, but are not limited to: luggage loss prevention within the airline industry, specific server, busbar, or wire identification in a server farm, item pinpointing amongst warehouse inventories, and any other situation in which an object must be located within a large stockpile.
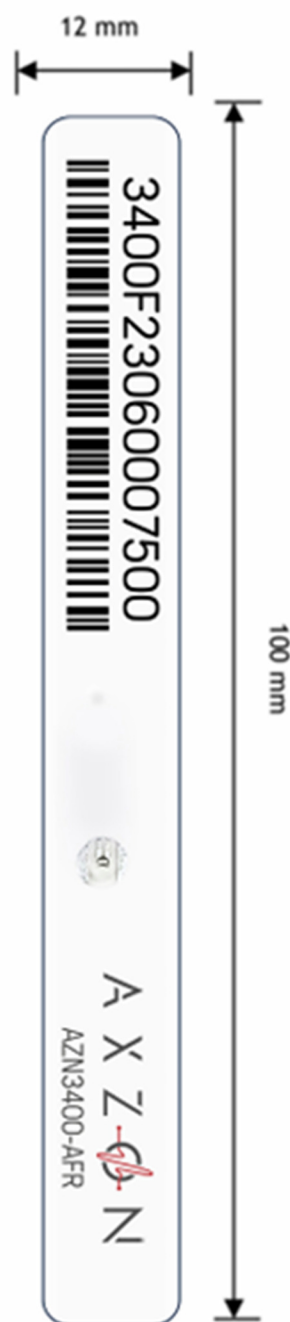
Compliance
The AZN3400 is available in FCC and EU/ETSI frequency ranges. The AZN3400 requires a RAIN/UHF compliant reader.
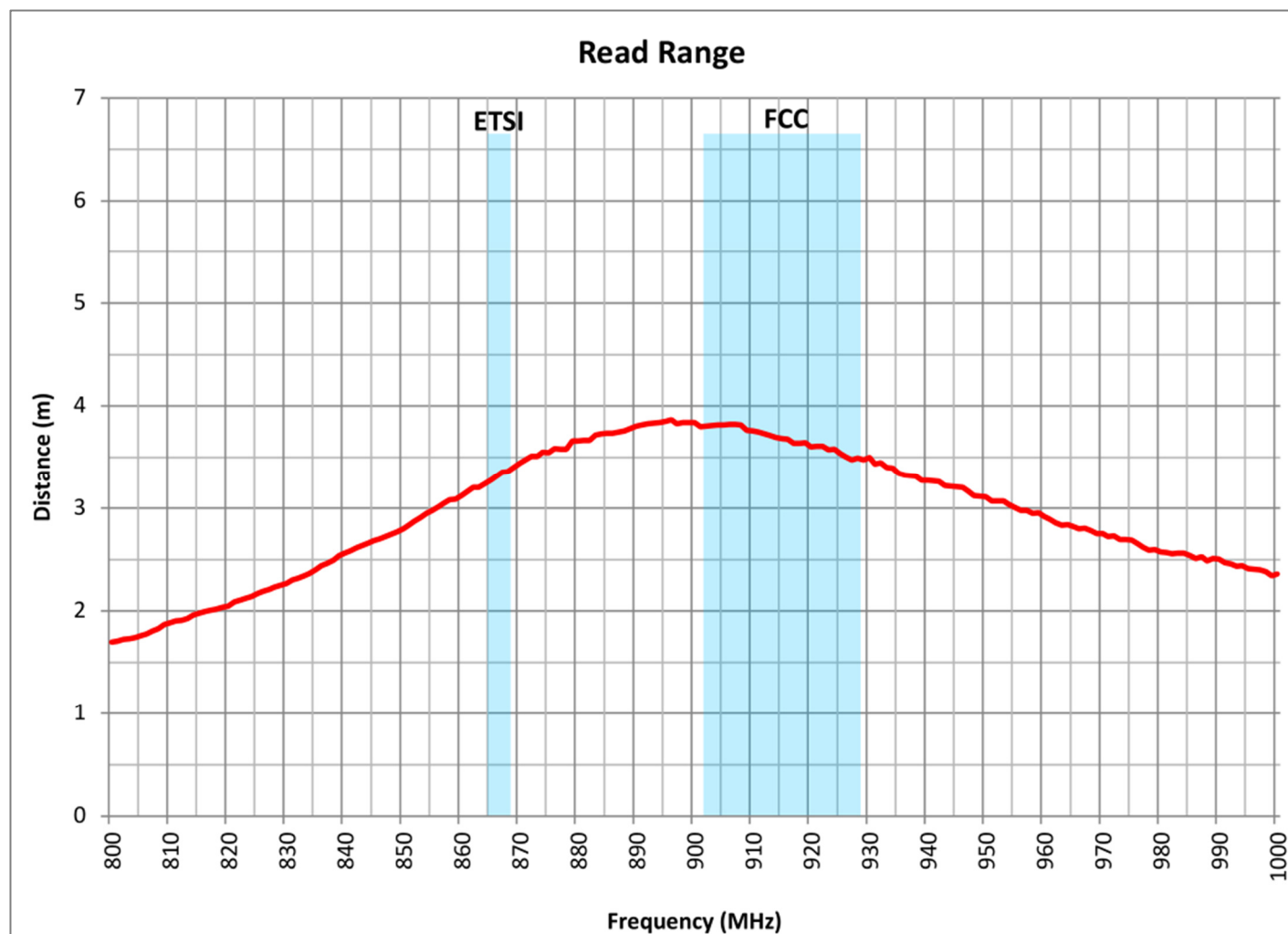
AZN3400 Performance Data

LED Location Indicator Powered by Magnus®-3LED

PARAMETER	VALUE
Data Retention	10 years
Write and Erase Endurance	10,000 cycles
Compatible Standards	EPC class 1 gen 2 v2.0.1 ISO/IEC 18000-63
Integrated Circuit	Powered by Magnus® 3LED
TID Memory	64-bits
EPC Memory	160-bits supporting up to 128-bit EPC
Read Range	FCC: 3.5 m – 3.8 m ETSI: 3.2 m – 3.4 m
LED Visibility Range	FCC: 2.13 m (1W Output Power, 7.5 dBi Gain) ETSI: 1.98 m (1W Output Power, 7.5 dBi Gain)
User Memory	192-bits
Sensor Size	100 x 12 mm
Adhesive	Self-stick with an easy-release tab
Shipment Method	Roll
Ordering Information	AZN3400-AFR (FCC 902 MHz to 928 MHz) AZN3400-AER (ETSI 865.6 MHz to 867.6 MHz)

Read Range