

ORION™

High Performance RFID Reader

Highlights

- High Performance / Fully Operational at Highway Speeds
- Full Featured, All Weather Reader
- Capable of buffering up to 500,000 tags in Non- Volative Memory
- MULTI-PROTOCOL ISO 18000 6C / Title 21
- Ruggedized, Industrial Grade Enclosure
- FCC or CE Frequency Operations
- Read/Write
- Software Controlled RF Power



Product Description

ORION is a High Performance, Multi-Protocol purpose-designed reader for Tolling and Vehicle Applications. Ideal for high-speed, multi-lane installations with a requirement to read/write up to two tag protocols or for installations seeking a migration path from an existing tag protocol.

The ORION provides you with the power and flexibility to develop and implement fantastic systems for tolling and/or vehicle tracking.



ORION™

Specifications

Dimensions	18.6 x 18.0 x 10.6" (472 x 457 x 254mm)
Weight	14.5g
Supported Protocol	ISO 18000-6C / Title21
Communications	Ethernet, TCP/IP, RS-232
Frequency Range	911.75 – 919.75Mhz (FCC) 870 Mhz (CE/ETSI)
RF Power	Programmable XX-XX dBm / X dBm steps
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	95% non-condensing
Power	DC 19-30 V DC
Regulatory Compliance/Licensing	FCC 15, FCC Part 90 (requires user license) Omniair™ Certified (pending)
IP Rating	NEMA 4X w/ Optional Enclosure