

***This UHF integrated RFID reader features high speed and extended read range and is specially designed for global transportation applications.***

This powerful UHF integrated reader features best-in-class air interface performance and provides a rich application platform that addresses the needs of global deployment. Its high speed, extended read range makes the reader suitable for global transportation applications, such as Electronic Vehicle Registration (EVR), electronic tolling and parking control.



### **Key Features**

- ✓ High speed and extended read range
- ✓ Fully supports ISO18000-6C, ISO18000-6B, iPx (Supertag), ISO10374, T21 and EAS Alarm protocols
- ✓ Provides Single Read Point Mode and Dual Read Point Mode
- ✓ Supports 10/100 Ethernet Port
- ✓ RoHS compliant

## Technical Specifications

Frequency	902 MHz to 928 MHz
Protocols	Fully supports ISO18000-6C, ISO18000-6B, iPx (Supertag), ISO10374, T21 and EAS Alarm protocols. Additional protocols may be supported through firmware updates.
Operation Modes	Single Read Point Mode Dual Read Point Mode (with external antenna)
Communications	10/100 Ethernet Port
RF Power	10 mW to 2 W conducted (+33 dBm)
Input Power	24 Vdc
Power Consumption	13 W at idle; 40 W typical at 2 W; 46 W max at 2 W
Interfaces	RS232, Digital I/O, Ethernet LAN, also 1-RP-TNC (reverse polarity) for external antenna connection
Upgradeable Firmware	Yes
Operation Temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Relative Humidity	100 %, condensing
Dimensions (L*W*D)	45 cm * 45 cm * 10.5 cm
Weight	6.8 kg
Regulatory	Compliant to RoHs, FCC part 15, part 90, IC RSS 137, IC RSS 210, Anatel (Cat. II ), CNC and IEC 60950
Case Material	Aluminum cast, IP 67 rated. To be determined by environment requirements.



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