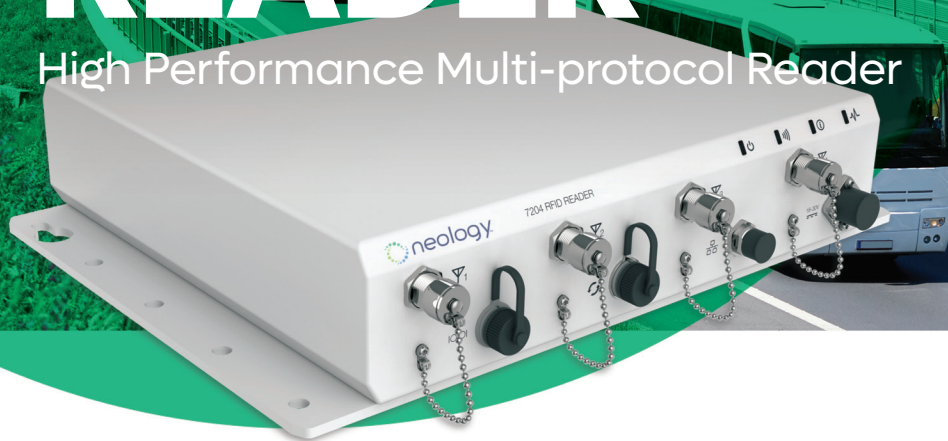


7204 RFID READER

High Performance Multi-protocol Reader



7204 RFID Reader

The 7204 RFID Reader is Neology's next gen multi-protocol UHF reader with an external antenna system featuring robust, high speed air interface performance.

The software-based architecture provides a rich application platform addressing the needs for global deployments ensuring all features and capabilities can be updated or added as technology changes and develops.

Features

- Supports concurrent protocols in high-speed tolling environments
- 4-port system for applications such as:
 - Open Road Tolling (ORT)
 - Stop-and-go/plaza tolling
 - HOV and HOT lanes
 - Parking/Access control
- Ability to activate or deactivate antenna ports through software
- Designed to withstand extreme weather conditions, temperatures, humidity and vibration while maintaining regional compliance standards for performance

Supported protocols:

ISO 18000- 63 (6C)

ISO 18000- 62 (6B)

ISOB-40k (compatible with eGo)

ISOB-80k (compatible with SeGo)

ISO10374 (ATA)

ASTMv6

PS111 (IAG)

CalTrans Title-21 (T21)

FLEX



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7204 RFID READER

High Profile Multi-protocol Reader



Availability of configuration profiles for Regulatory Certifications

Specifications	
Frequency*	UHF 865-868 MHz (ETSI), 902-928 MHz (FCC/IC Unlicensed), 902-904 MHz / 911-920 MHz (FCC/IC Licensed)
Supported protocols	ISO 18000 - 62 (6B), ISO 18000-63 (6C), ISOB-40k, ISOB-80k ISO10374 (ATA), ASTMv6, PS111 (IAG), T21 and FLEX
Communications	Ethernet 10/100/1000
RF power*	10 mW-2W conducted subjected to local regulatory requirements
Input power	18-30VDC, 24VDC nominal at power supply
Power consumption	11W idle, 24W max
Connections	Digital I/O, Ethernet LAN; 4 N-Type Female connectors for external antenna connection
Upgradeable firmware	Yes
Operating temperature	-40F to 149F (-40C to 65C)
Storage temperature	-40°F to 85°F (-40°C to 85°C)
Relative humidity	95% non-condensing
Dimensions	(LxWxD) 16.5 x 13.0 x 3.27 in (419 x 330 x 83 mm)
Weight	12 lbs (5.44 Kg)
Regulatory	Compliant to Class B Digital Device under ETSI EN302 208-1, EN302 208 -2, EN 301 489-1, EN 301 489-3, EN 50364, FCC Part 15, FCC Part 90, IC RSS-210 and IC RSS-137
Case material	Aluminum, IP66 rating
Antenna Ports	4
Safety	IEC 62369-1 (general) and IEC 60950-22 (outdoor)

Country	Frequency	Power
Bolivia	915-928MHz	4W EIRP
Brazil	915-928 MHz	4W EIRP
Colombia	915-928MHz	4W EIRP
Ecuador	902-928 MHz	4W EIRP
Panama	902-928 MHz	4W EIRP
Peru	916-928 MHz	4W EIRP
Mexico	902-928 MHz	4W EIRP
Uruguay	915-928 MHz	4W EIRP
United States	902-928 MHz	4W EIRP
EU	865-868MHz	2W ERP
ETSI (EU region)	916-918MHz	4W ERP
Korea	917-921 MHz	4W EIRP
Malaysia	919-923 MHz	2W ERP
Philippines	918-920 MHz	4W EIRP
Singapore	920-925MHz	2W ERP
Vietnam	920-923MHz	2W ERP
South Africa	915-919 MHz	4W EIRP
Turkey	865-868 MHz	2W ERP

*Frequency and power settings are configured and factory locked to destination country's specific regulations upon certifications granted. See Neology representative for international grants in place.

Accelerating Your Vision

At Neology, we re-imagine mobility to accelerate your vision of a smart city and safer communities.

By closely collaborating with our customers, we connect existing infrastructure assets with next-generation technology to modernize the way people move. Backed by a culture of innovation, we help create safer, cleaner, more efficient mobility experiences that support sustainable growth and help communities thrive.

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