LONG RANGE RFID READER.
FCC & CE COMPLIANT, ALUMINUM AND ABS CONSTRUCTION IP-67 NEMA RATED ENCLOSURE.

The Q-1000L Reader delivers superior read range and security when compared to traditional long-range transponder systems.

All-in-one design, fast read speed less than 5ms for 64bits, (DRM) Dense Reader Mode, and Maxtek's patent pending MaxSecure anti-cloning technology.

High gain linearly polarized antenna, long range reading of up to 50 feet using Maxtek's windshield transponders.

NEMA approved ABS Waterproof design with quick disconnect style connector. Engineered for extreme outdoor environments.

One year unconditional warranty …

Engineered and manufactured in the USA.

Q-1000L

Q-1000L AVI Reader
AVI Reader with MaxSecure Technology

Overview

Q-1000L is Maxtek's solution to long range AVI reader systems. This reader delivers an impressive read range of up to 50 feet when used with Maxtek's transponders and was designed for the most challenging and demanding environments.

The Q-1000L long range reader uses radio frequency identification RFID technology to create a secure and reliable automatic vehicle identification system.

Protected against the elements by a weather resistant aluminum and UV stabilized ABS plastic enclosure, this self-contained reader is intended for installations on posts, walls or ceilings. Supplied with a 5 foot long standard wire harness (longer lengths upon request) with a weatherproof 12 pin connector.

The Q-1000L reader includes our exclusive software interface and can be configured for any environment. Reader can be set for timed or loop detector triggered reads and a delay feature to control time between reads. Every reader is equipped with one relay output for external equipment triggering.

Transponder Security

Reader features MaxSecure, Maxtek's secure transmission protocol technology, prohibiting copying or cloning of transponder data. (See our website for further details)

This long range AVI reader ensures a reliable solution for automatic vehicle identification in access control, tolls, airports, gated communities and parking garages.

Model	Q-1000(L)
Protocol	Standard UHF RFID
Frequency Range	Standard 902～928MHz FCC (EU and Asia 840-960 Mhz)
Operation Mode	Fixed or multi frequency auto select
RF Power	0~100%, software adjustable (0 to 4W (EIRP))
Reading Speed	Average Reading per 64Bits：<5ms
Reading Mode	Timed, loop input or control triggered reading
Data Ports	Standard: Wiegand , USB, RS485, RS232 and LAN
Input/Output Port	Loop Trigger input and 1 N/O contact out
Reading Range	50 Feet
Interface to PC	USB, RS-232 standard. LAN optional
Audible range adjustment	Adjustable power range from 0 to100%
Antenna	Horizontal polarized antenna
Power Supply	AC 16-24 Volt
Dimension	16 Inches × 14 Inches × 3 Inches
Gross Weight	8 Lbs
Operation Temp	-10F ~ 180F
Relative Humidity	100%
Storage Temp	-15F ~ 190F
Color	White