

**HIGH PERFORMANCE  
RFID READER.  
INDUSTRYS BEST  
WARRANTY.  
IRON CLAD, 1 YEAR  
UNCONDITIONAL  
WARRANTY.**

*The Q-1000 RFID Reader was designed with one goal, to work. Provides consistent read range up to 50 feet, includes MaxSecure Security Technology, rugged weatherproof design and easy installation..*

*All-in-one design, fast read speed less than 50ms.*

*High security, Featuring Maxtek's MaxSecure Transponder Technology.*

*High sensitivity long range reading of up to 50 feet when using Maxtek's Q-100 windshield transponders.*

*NEMA approved ABS Waterproof design finished in a UV stabilized gray or white finish. Engineered for extreme outdoor environments.*

**1 year unconditional warranty ...**

*Manufactured in the USA.*

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# Q-1000 GenII Series

## Q-1000 Series Reader

### MaxSecure RFID Reader



#### Overview

Q-1000 Series GenII readers are quickly becoming the industry standard when dependable hand free access control is warranted. The Q-1000 GenII provides consistent read range and operation, easy installation and peace of mind with Maxtek's MaxSecure Transponder Technology.

The Q-1000GenII delivers impressive read ranges up to 50 feet when used with Maxtek's Q-100 transponders and was designed for challenging and demanding environments. The Q-1000 is made of ABS plastic, finished in UV stabilized gray or glossy white finish, fastened with all aluminum and stainless-steel hardware and complemented with feedback buzzer and LED. Supplied with a 20ft quick disconnect harness, auto USB cable connectivity to any PC Windows based operating system.

*The Q-1000 GenII reader is configurable using our exclusive software interface for adjustability to any environment.*

*Reader has standard Wiegand output events and adjustable time delay between reads to minimize/eliminate buffer overload. A handy N/O relay is activated on all valid reads. This relay output can be used to trigger other devices or bypass access controller temporarily.*

#### **MaxSecure Transponder Security Technology**

*Reader features MaxSecure, Maxtek's transponder secure transmission protocol technology, prohibiting copying cloning of transponder data.*

*The Q-1000 GenII RFID reader is the perfect solution for automatic vehicle identification systems, access control, tolls, airports, gated communities and parking garages.*

<b>Model</b>	<b>Q-1000 Gen II</b>
Protocol	Standard GENII RFID READER
Frequency Range	Standard UHF FCC/US
RF Power	0~100%, software adjustable
Reading Speed	Adj. read delay speed 1 to 10 seconds
Reading Mode	Automatic or loop detector triggered reads
Data Ports	Wiegand (Data0 Data1), Mini-USB
Input/Output Port	Loop/Sense input and 1 N/O contact out
Reading Range	Up to 50 Feet
Interface to PC	USB/Bluetooth
Audible range adjustment	Adjustable power range from 0 to100%
Antenna	Horizontal placement
Power Supply	Supplied, DC 12 Volt 2 Amp
Dimension	12 Inches x 12 Inches x 3 Inches
Gross Weight	4 Lbs
Operation Temp	-30F ~ 180F
Relative Humidity	99% Storage
Temp	-30F ~ 180F
Color	Gray or White
Feedback	LED and Buzzer