



AMP604

ISO/IEC 15693

Advanced Reader/Writer



***AMP604 solution makes you
sell more and lose less!***

***Also good for stocktaking in
Jewellery stores effective
from Hours to Minutes***



Remark : The space between the antennas should be more than 20 cm, so that the tag's information can be shown on located antenna. Otherwise, tags would be read from other closed antenna. Space can be ignored if the application doesn't need tag's location information on located antenna.

AMP604

Advanced Smart Label Reader/Writer

Introduction:

AMP604 is an advanced reader/writer based on Radio Frequency Identification (RFID) Technology. It is a versatile and easy to use ISO15693 RFID 13.56Mhz reader/writer good for those who need the solution of Multi-tag to be read in one time in a long queue. This AMP604 is the suitable solution to be integrated with the so-called **Smart Check out System**.

Features:

- ☆ **Compact ± sized for easy installation.**
- ☆ **Anti-collision**
- ☆ **Featuring of data reading and writing**
 - One Reader support four antenna
 - 3-LED design for signal indication
 - Heavy-duty proof metal housing
 - Reading distance up to 25 cm with an ideal design antenna conditions

Applications:

- Jewelry security/Food Freshness Control
- Laundry management
- Document tracing/Logistic tracing
- Antenna close
Unable to distinguish between place
- Antenna separate
Distinguish place
- TAG can not read angle 85°~95°

AMP604 Physical Reader/Writer Specifications:

Operating Frequency	13.56MHz +/- 7kHz
Supported Transponders	Tag-it™ HF, I-Code SLI/SL2 ISO15693 Compliant Transponders,
Power Supply	12VDC +/- 5% (Noise Ripple: Max 50mV) / 500mA
Transmitter Power	Min. 450mW
Antenna Connection	SMA female
Antenna Impedance	50 ohm +/-10% (@13.56MHz)
Antenna SWR	1.1~1.2 (@13.56MHz)
Communication I/F	RS232 and RS485 / 19200,n,8,1
Optical Indicators	3 LED's for status diagnostics
Operating Temperature	-10°C to +50°C

Antenna ANT-T1031 Specifications:

Operating frequency	13.56MHz
Reading distance	Up to 25cm for CRD-T0004
Antenna connection	SMA-plug (50 ohm)
Antenna cable	RG174 / 2M
Antenna Impedance	50 ohm +/- 20% (@13.56MHz)
Antenna SWR	1.1~1.2 (@13.56MHz)
Number of tags at same time	32
Protection class	IP40
Dimension (mm)	L345 x W240 x H20



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