



RJ45 + RS232 UHF Desktop Reader

Model 107SL · Brand: Identium



A UHF RFID desktop reader-writer with RS232 and RJ45 Ethernet connections, for registering, authenticating, locking and killing EPC Gen2 and ISO 18000-6B tags from a POS terminal, PLC or networked PC.

KEY FEATURES

- **RS232 and RJ45 Ethernet connections; Wi-Fi optional**
- **Reads and writes ISO 18000-6C (EPC Gen2) and ISO 18000-6B tags**
- RF output 0–30 dBm adjustable, FHSS or fixed frequency
- Read distance up to 300 mm with built-in circularly polarised antenna
- Answer, active and trigger operating modes
- Demonstration software and SDK included; IP40

APPLICATIONS

Tag registration and activation

Item authentication

Tag locking and killing

Retail and logistics counters

Industrial workstations

SPECIFICATIONS

Model	IDTS-107UDR (107SL)
Frequency	865–868 MHz; 902–928 MHz or custom on request
Protocol	ISO 18000-6C (EPC Class 1 Gen2), ISO 18000-6B
Frequency mode	FHSS or fixed frequency
RF output power	0–30 dBm adjustable, 50 Ω load
Antenna	Built-in 2.5 dBi circularly polarised
Read range	0–300 mm (tag dependent)
Interface	RS232, RJ45 (Ethernet); Wi-Fi optional
Operating modes	Answer, active, trigger
Reading rate	Software programmable
Tag operation time	Read: up to 5 ms per 8 bytes; write: 25 ms per 4 bytes
Software	Demonstration software and SDK
IP rating	IP40
Compliance	CE, FCC
Not compatible with	125 kHz and 13.56 MHz cards, HID and similar proximity cards, bank cards, iOS