



RFID Module Evaluation Kit – RM26 UHF Reader Module + SY702 Antenna + Tags

Model RM26-EVK · Brand: Identium



For integrators and OEMs prototyping a smart shelf, cabinet, drawer, gate controller or machine: the IDTS-RM26 UHF reader board with Ethernet, RS232, RS485, Wiegand and a relay, plus an SY702 low-gain strip antenna and a sample kit of UHF tags.

KEY FEATURES

- **Works with ID Tech and ZKRFID software; SDK for your own application**
- **IDTS-RM26 UHF reader board: reads and writes EPC Gen2 tags, output 0–26 dBm adjustable**
- **SY702 low-gain strip antenna, 110 × 23 mm, for one shelf, drawer or tray, up to 1 m**
- Sample kit: UHF tags for the items your prototype will hold; mix confirmed with your order
- Ethernet (RJ45), RS232, RS485 and Wiegand 26/34, plus one COM/NO/NC relay
- Run it on ID Tech or ZKRFID software, or build reads into your own app with the SDK
- Power adapter and antenna cable included, so the board runs on the bench out of the box

APPLICATIONS

Smart shelf prototypes

RFID cabinet prototypes

Drawer and tray reading

Gate controller builds

Access controller integration

Embedded machine readers

OEM product development

SPECIFICATIONS

Kit contents	IDTS-RM26 UHF reader module, IDTS-SY702 low-gain UHF strip antenna, antenna cable, power adapter, sample kit of UHF RFID tags
Module	IDTS-RM26 split UHF RFID reader module (bare board) for building into your own controller, cabinet or machine; read and write
Antenna	IDTS-SY702 low-gain UHF RFID strip antenna, 110 × 23 mm; read range up to 1 m; for one shelf, drawer, tray or compartment

Sample kit	UHF RFID tags/labels for the items your prototype will read; sample mix confirmed with your order
Compatible with	ID Tech and ZKRFID software
Frequency	865–868 MHz (India version); 902–928 MHz version for other regions; FHSS or fixed frequency
Protocol	ISO 18000-6C (EPC Gen2)
Output power	0–26 dBm, adjustable
Antenna port	1 × SMA female
Read range	Depends on antenna, cable and tag; up to 1 m with the SY702
Interface	TCP/IP (Ethernet, RJ45), RS232, RS485, Wiegand 26/34
Relay	1 × COM / NO / NC
Work modes	Active, passive (command), trigger (confirm with us how the trigger is fed; the 12-pin terminal lists no trigger input)
Indicators	LEDs and buzzer
Terminal	12-pin, 3.81 mm: +12V, GND, TXD, RXD, 485–, 485+, GND, D0, D1, COM, NO, NC
Power	DC 9–24 V, up to 4 W; power adapter included in the kit
Dimensions	Module about 87 × 85 × 16 mm (confirm before designing an enclosure); antenna 110 × 23 mm
Mounting	Module: 3 mm mounting holes
Module weight	Module: 50 g net
Operating temperature	Module: –20 °C to +70 °C
SDK	Available for secondary development