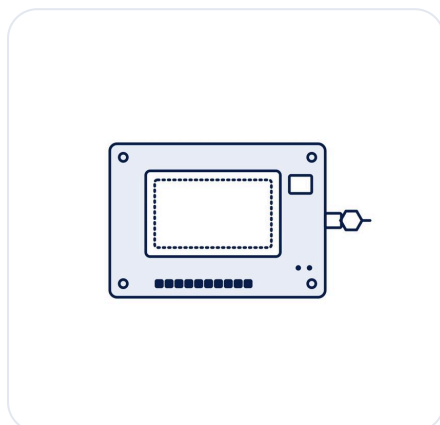




# UHF RFID Reader Module, UART, 865–868 MHz (Development Module)

Model — · Brand: Identium



A compact UHF reader module with a UART serial interface for the 865–868 MHz India band, reading EPC Gen2 tags from a microcontroller board, for prototypes that need metres of range rather than the centimetres of a 13.56 MHz module. The RM26 and ICL boards are the step up for finished installations.

## KEY FEATURES

- **865–868 MHz (India band); ISO 18000-6C / EPC Gen2 tags**
- **UART serial (TTL) command interface, typical for the class**
- External antenna via SMA or IPEX, or on-board ceramic antenna, as sourced
- Adjustable output power; figure stated for the module sourced
- Sold for prototyping; ask us before building a product around it

## APPLICATIONS

Long-range access prototypes

Inventory and shelf prototypes

Vehicle-gate experiments

Student and maker projects

Pre-production trials

## SPECIFICATIONS

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Frequency    | 865–868 MHz (India band); other bands as sourced                            |
| Protocol     | ISO 18000-6C / EPC Class 1 Gen2                                             |
| Interface    | UART serial (TTL), typical for the class                                    |
| Output power | Adjustable; figure stated for the module sourced                            |
| Antenna      | External via SMA or IPEX connector, or on-board ceramic antenna, as sourced |
| Supply       | 3.3–5 V DC, as sourced                                                      |
| Read range   | Depends on antenna, output power and tag; no figure given for the class     |
| Supplied     | Module only unless stated; antenna quoted separately                        |