



Identification & Security

► Identification - Traceability

- » *Compact and performant, the STid OEM module has been designed to be easily integrated in major identification applications and equipments.*
- » *Ideal to integrate the contactless reading function into existing equipment, the MS is small sized, cost effective and benefit from low power consumption.*



►► Benefits

Easy to integrate

The MS module is very easy to integrate into almost all the environments (handhel readers, time attendance units...)

Thanks to the wide communication protocols offer, the MS will immediatly fit with your existing systems.

Resistance

The electronic part of the reader is protected in waterproof resin which allows a high mechanical and climatic protection.

Performances

With its integrated antenna, the MS module is allowing all the functions of a proximity reader and very high performances.

Characteristics

- **Frequency** : 125 kHz
- **Mode** : Read only & Read Write
- **Reading distance** : up to 7 cm
- **Dimensions** : 44.5 x 27 x 10 mm
- **Interfaces** : TTL
- **Protocoles** : Data/Clock, Wiegand
- **Power supply** : 5V (15 mA)
- **Protection** : IP65 (except connectors)
- **Chip comptability** : EM

► Technology



MS Module

OEM RFID Module

125 kHz

Applications

- Identification and access control
- Time attendance

Specifications

Frequency :

125 kHz

Mode :

Read only (MS) / Read & Write (MSW)

Reading distances** :

Up to 7/8 cm with a proximity card

Communication interfaces

TTL interface - Protocol: ISO Data & Clock, Wiegand.

(call us for detailed specifications and available variants)

Connector :

PIN connector: 2.54 mm spacing.

Compatible with MDS model

Power requirement :

15 mA

Power supply :

5VDC (4.5-5V)

Packaging :

ABS hull

Electronic in high resistance resin

Antenna:

Integrated antenna

Operating temperatures

- 20°C to + 70°C

Part number :

MS-R11-B/E01-xx/3 (hulled)

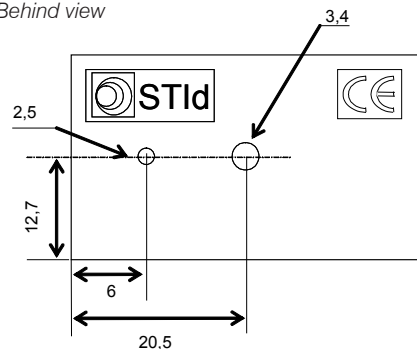
MS-R11-B/E01-xx/0 (electronic card only)

xx : protocol variant

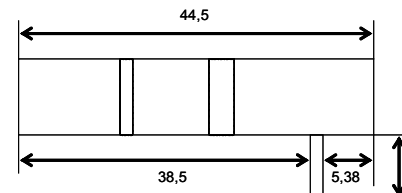


Dimensions

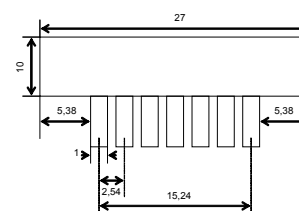
Behind view



Side view



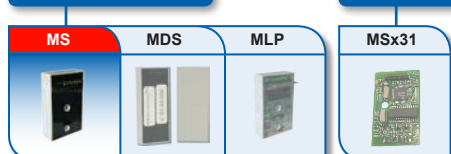
Front view



Non hulled MS module



125 kHz Modules



13.56 MHz Modules



The MS/MSW can be used with a large range of identifiers

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Turning RFID into reality

STid
Electronic Identification