

13.56 MHz Multitag OEM Reader Module ME-H102022xx

The 13,56 MHz Multitag OEM Reader Module is a contactless proximity read write device that supports ISO 15693, I-Code®, Tagit®, 1S014443A and ISO 14443B cards. The module needs an antenna to operate. Typically this antenna is customized to dedicated applications. Using a serial interface the device can be connected to a controller or PC very easily.

Features

- Anticollision ISO 15693
- Single shot of UID incl. delay time
- Page read as continuous read default
- Set of tag type is selectable

Applications

The main applications of the OEM Multitag are in the areas of:

- ▶ logistics
- ▶ retail
- ▶ web linking
- ▶ public transport
- ▶ access control
- ▶ time & attendance
- ▶ locking systems
- ▶ event management
- ▶ production data acquisition
- ▶ parking systems
- ▶ dispensers
- ▶ toll systems
- ▶ general user identification

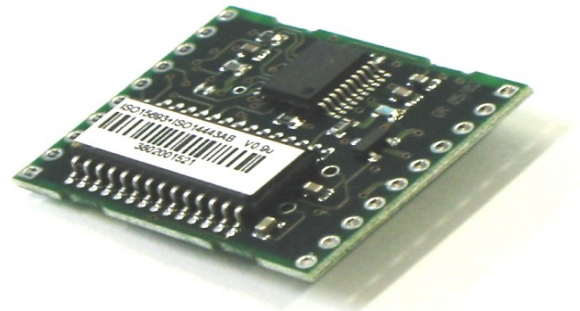
Order Code:

9110.336 / ME-H102022BB
 13.56 MHz Multitag OEM Reader Module
 Wiegand Interface

9110.338 / ME-H102022BC
 13.56 Multitag OEM Reader Module
 CMOS-TTL

9110.340 / ME-H102022BD
 13.56 Multitag OEM Reader Module
 OMRON Interface

PS: ISO14443A/B and FeliCa Tags reading serial number only



Technical data

The Multitag Reader supports the majority of 13.56 MHz transponders available on the market.

Technical details of the OEM Reader Module	
Size	25,5 x 30,5 x 9,5 mm
Supported transponders	ISO 15693: EM 4135, Icode® SLI, LRI512, SRF55VxxP, SRF55VxxS, Tagit® HFI, TempSense, Tagit® Icode® ISO 14443A Mifare® Std, Mifare® Ultralight, MF1IC70, Mifare ProX, SLE55R16 ISO 14443B: SLE66CL160S, SR176 FeliCa
Interface	Wiegand CMOS-TTL Omron (on demand)
Transmission Speed	9600, n, 8, 1 up to 57.6kBaod optionally
Reading distance	up to 120 mm (depending on antenna and tag)
Supply voltage	5V/50mA (depending on antenna and power down mode)
Antenna	external
Signaling	2 LED for power and read, I/O-Pin
Temperature range	- 20°C up to + 80°C