

## MicroEngine 13.56 MHz ISO14443 Plug and Play Reader Module ME-H615xxx

The EHAG ISO14443 Reader Module is a contactless proximity read write device that supports MIFARE®, ISO 14443A and ISO14443B cards. The P&P-Module is equipped with an RS-port and with an antenna and is ready for use. With its serial interface the device can be connected to a controller or PC very easily.

### Applications

The main applications of the OEM 14443 Reader are in the areas of:

- ▶ Public Transport, Ticketing
- ▶ Payment, Cash Systems
- ▶ Leisure Time Facilities
- ▶ PC Access, PC Logon
- ▶ Access Control, Identification
- ▶ Parking Systems, Dispensers
- ▶ Multi applications

### Order Code:

#### All Modules

Flash Controller, Application Specific Protocol,

#### 13.56 MHz Plug & Play Reader Module

**9110.316 / ME-H6152BA**  
 ISO14443A, RS232 Interface

**9110.318 / ME-H6152BB**  
 ISO14443A, RS422 Interface

**9110.320 / ME-H6152BC**  
 ISO14443A RS485 Interface

#### 9 cm Antenna

**9110.322 / ME-H6152BA-RD**  
 ISO14443A, RS232 Interface

**9110.324 / ME-H6152BB-RD**  
 ISO14443A, RS422 Interface

**9110.326 / ME-H6152BC-RD**  
 ISO14443A RS485 Interface

#### 13.56MHz DUAL PnP Reader Modules

**9110.328 / ME-H6156BA**  
 ISO14443AB, RS232 Interface

**9110.330 / ME-H6156BB**  
 ISO14443A RS422 Interface



### Technical data

The 13.56MHz ISO 14443 Reader supports the majority of vicinity transponders available on the market.

Technical details of the OEM Reader Module	
<b>Size</b>	45,5 x 70,0 x 15,0 mm
<b>Supported transponders</b>	ISO 14443A Tags Mifare® Standard Mifare® Ultralight, MF1IC70, Mifare ProX, SLE55R16 ISO 14443B Tags <sup>(1)</sup> SLE66CL160S <sup>(1)</sup>
<b>Interface</b>	RS232 RS422 RW485 (on request)
<b>Transmission Speed</b>	9600, n, 8, 1 up to 57.6kBaud optionally
<b>Reading distance</b>	up to 50 mm (depending on antenna and tag)
<b>Supply voltage</b>	5V/110mA power down mode 20mA
<b>Antenna</b>	Integrated on PC-board
<b>Signaling</b>	Power LED and reading LED
<b>Temperature range</b>	- 20°C up to + 80°C
<b>Approvals</b>	EN300330 part 1 and 2

<sup>(1)</sup> Dual OEM Reader Module only