

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

⁽¹⁾ Dual OEM Reader Module only