

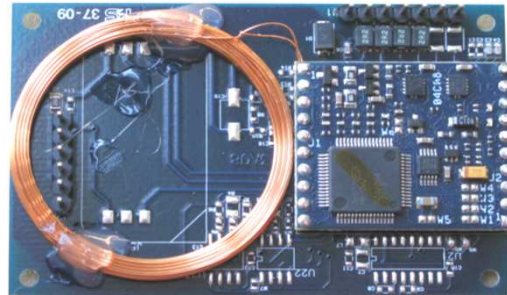
Feature Overview

- RFID HF Module series with or without antenna
- Read & write functions, with spontaneous or on request mode
- Every module can function with different tag models
- Only philosophy and protocol
- TTL,RS232,RS485 interface communication
- Upgrade with Serial Line
- 2 input/output software upgrade
- 2 LED signal
- CE certified
- Available with software demo for every type of tag



Applications

- Electronic tickets
- Automation
- Logistics
- System of payments
- Robotics
- Automatic machines
- Traceability
- Sensor



Specifications

Supported transponder	EM4200,EM4550,HITAGS,Q5,T5577
Diameter	30,5 x 25,5 x 5 mm (versione OEM) e 70 x 45 x 12 mm (versione RTU)
Power supply	5Vdc \pm 5% o 12Vdc \pm 10%
Output power	0,5W max a 5Vdc o 1,2W max a 12 Vdc
Operating frequency	125kHz \pm 2kHz
Operating temperature	-10°C \div 55°C
Input/Output	Two channels individually configurable
Signal	2 LED
Connection	Strip 2,54 mm
Communication interface	CMOS-TTL,RS232,RS485
Protocol	Ascii,BlueBox
Antenna	Internal,external,absent (OEM version)
Certifications	Rhos,CE


Notes:

Custom adjustment or firmware personalization available on every model.


Specifications are subject to change without prior notice.

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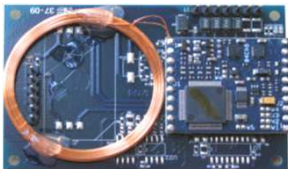
RFID OEM Modules

P.Number	Power supply	Interface	Protocol	Size	Picture
1021L	5Vdc	TTL	BB	30,5 x 25,5 mm	
1022L	5Vdc	TTL	ASCII	30,5 x 25,5 mm	
1031L	5Vdc	RS232	BB	30,5 x 25,5 mm	
1032L	5Vdc	RS232	ASCII	30,5 x 25,5 mm	
1041L	12Vdc	RS232	BB	30,5 x 25,5 mm	
1042L	12Vdc	RS232	ASCII	30,5 x 25,5 mm	

RFID OEM Module Antennas

P.N.	Type	Diameter	Pictures
1501L	Rame	φ est. 30 mm	
1502L	Ferrite	φ est. 10 mm	
1503L	Rame	44 x 34 mm	
1504L	Rame	φ est. 68 mm	
1505L	Rame	137 x 78 mm	

RFID RTU Modules (Ready to Use)

P.Number	Power supply	Interface	Protocol	Size	Picture
1071L	5Vdc	TTL	BB	70 x 45 mm	
1072L	5Vdc	TTL	ASCII	70 x 45 mm	
1073L	5Vdc	RS232	BB	70 x 45 mm	
1074L	5Vdc	RS232	ASCII	70 x 45 mm	
1075L	5Vdc	RS485	BB	70 x 45 mm	
1076L	5Vdc	RS485	ASCII	70 x 45 mm	
1077L	12Vdc	RS232	BB	70 x 45 mm	
1078L	12Vdc	RS232	ASCII	70 x 45 mm	

Notes:

Antennas for OEM reader are provided tuned, tested and already connected to the reader board; cable length is 10cm.

Custom adjustment or firmware personalization available on every model.

Specifications are subject to change without prior notice.

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