

UNI13 read/write UNIT

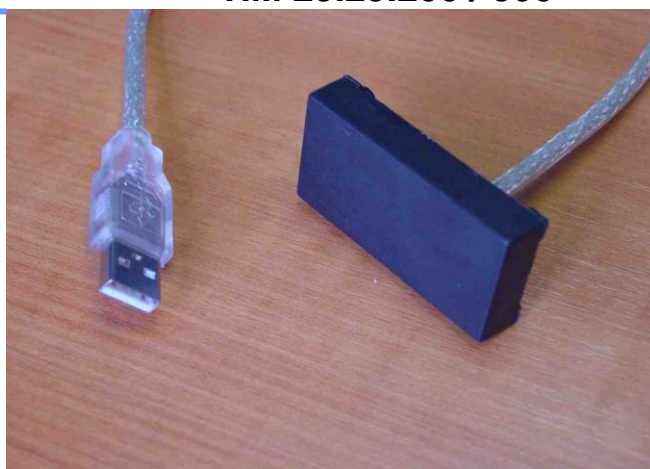
HM 25.26.200 / 300
HM 25.29.200 / 300

13.56 MHz RFID module with USB or RS232TTL interface, OS downloadable

The RFID read/write module UNI13 belongs to *microsensys* proved OEM products for different transponder systems as iID, TELID, I-CODE, tag-it, my-D, Ario, LEGIC (RO)

This type of reader can be adapted very simple in end customer devices and equipments. Different antennae are possible with customized field direction.

microsensys supports you in your RFID solutions.



Transponder Systems:	ISO 15693, I-CODE [®] , Tag-it [®] , my-D [®] , iID [®] M, EM types, iID [®] G ISO 14443, iID [®] -2000, TELID [®] , iID [®] -3000 others on request: Ario [®] , LEGIC [®] , I-CODE 1, EPC, UID
Operation Mode:	closed coupling read write and read only HOST interface downloadable reader operation system for upgrades
Air Interfaces:	13.56 MHz RFID for transponder in closed coupling range high speed and fast mode, standard type don't support anticollision
Operating Distance:	0 ... 50 mm (dep. from transponder type and metal environment)
Reader Antenna:	P13 or A18 or K3 (Type 25.79.200)
Field Radiation:	front direction small side direction

	Type .303	.340	.202	.204	
System Type:	ISO 14443-B ISO 15693	LEGICprime	iID-2000, EPC ISO 15693	ISO 15693 optimised	
Chip Types:	iID-3000, TELID(2 nd gen.), ISO 15693 customized, LEGICprime(RO)		I-CODE, Tag-it, my-D, iID-G, iID-M, EM types on inquiry: Ario, I-CODE 1, iID-D, EPC, UID		
Communication Rate:	106 or 26.4	26.4 or 10	106, 52.8 or 26.4	26.4	kbps
Device Current:	120 mA	120 mA	100 mA	80 mA	@ 5V

	Type .26	.29
HOST Interface:	RS232TTL (Sub-D9, cable 0.8 m)	USB 1.1 (cable 0.4 m)

Software Interface: iID[®] Driver Engine for Windows 95,98, 2000, XP (SP1)

Supported Commands: see actual API documentation of *microsensys* iID[®] Driver Engine

Power Supply: 5V stab., low noise, max. 100mA, idle max. 10 mA, sleep max. 10 µA

Dimensions: 55 x 28 x 12 mm
Casing Material: plastic, epoxy moulded

Operation Temperature: 0°C ... +45°C (others on request)

Storage Temperature: -25°C ... +70°C

Emissions: examine for EN 300330
Protection Class: IP 65 (without connector)

Options: PC-Adapter for RS232TTL device, including driver and test software
Applications: OEM product for customized solutions