

TAGmobi

Short Range RFID Reader



The **TAGmobi** is a complete RFID Read/Write device with an integrated antenna and designed for desktop or mobile applications.
One LED show the transponder reading.

Application Examples:

- > manufacturing
- > industry applications
- > logistic applications
- > access control
- > ticketing control

Special Features:

- > multi read/write protocol
- > protection class IP65
- > strong and small housing
- > reading distances up to 80mm

TAGmobi types:

TAGmobi LF

125/134.2kHz
ISO11784/85

TAGmobi MIFARE

13.56MHz
ISO14443A

TAGmobi HF

13.56MHz
ISO15693+
ISO14443A+
ISO14443B

Technical data:

Housing	Plastic ABS
Dimensions (WxHxD)	140 x 63 x 31 mm
Weight	100g
Protection Class	Ip65
Cable Length	1.5m
Power Supply	USB 2.0
Current Consumption	150mA < 10mA at power down mode
Operating Frequency	125/134.2kHz or 13.56MHz
Interfaces	USB 2.0
Host Communication	point-to-point
Communications Protocol	Specific ASCII (Not for RS485) or Binary Protocol
Communications	9600Bit/s to 115kBit/s, 8, N,1
Firmware Boot-Loader	Supported Via Serial Interface
RF Transmission Speed	up to 848kBit/s
Operating Temperature	-20°C to 80°C -4F to +176F
Storage Temperature	-40°C to +85°C -40F to +185F
MTBF	200.000 h
Approvals	ETS 300-330, CE, FCC part 15, RoHS Compliant

TAGmobi

LF 125/134.2 kHz

RF Transmit Frequency	125kHz, 134.2kHz		
Supported Standards	ISO 11784, ISO 11785, ISO 18000-2		
Supported Tag-ICs	Hitag 1	Q5	TI-RFID Systems 134.2 kHz 64Bit R/O
	Hitag 2	EM4X02	TI-RFID Systems 134.2 kHz 64Bit R/W
	Hitag S	EM4X05 (ISO FDX B)	TI-RFID Systems 134.2 kHz 1088Bit
Typical Read Time	59ms Serial No. Hitag S	58ms Serial No.	93ms Serial No. TI-RFID Systems 134.2 kHz
	30ms Serial No. Hitag 2	95ms Serial No.	64Bit R/O

TAGmobi

MIFARE

RF Transmit Frequency	13.56MHz		
Supported Standards	ISO14443A		
Supported Tag-ICs	mifare® Standard mifare® 4k	SLE66R35 SLE44R35	ISO 14443A Tags
	mifare® Pro X		
	mifare® Ultralight mifare® DESFire (Serial No. only)		

TAGmobi

HF 13.56 MHz

RF Transmit Frequency	13.56MHz		
Supported Standards	ISO14443A, ISO14443B, ISO 15693, ISO 18000-3, NFC enabled, ICODE		
Supported Tag-ICs	mifare ® Standard mifare ® 4k mifare ® Pro mifare ® Ultralight mifare ® DESFIRE	SLE 55Rxx SRF55VxxP+S SLE 66CL160S SLE 66CLX320P SR176	Tag-it™ HF-I Standard Tag-it™ HF-I Pro Jewel Tag Sharp B ASK GTML
	mifare ® SmartMX	SRIX4K	ASK GTML2ISO
	I-CODE SLI (SL2 ICS 20)	LRI 64	TOSMART
	I-CODE EPC (SL2 ICS 10)	LRI 512	ISO14443A Tags
	I-CODE UID (SL2 ICS 11) I-CODE	EM4135 KSW Temp Sens ®	ISO14443B Tags ISO15693 Tags