

SkyeTek RFID Readers SkyeRead™ M1-Mini

The SkyeRead M1-Mini is world's smallest self-contained RFID reader, complete with on-board antenna, low 1-cell battery power, dual push-button operation, and contactless read/write support of 13.56MHz (HF) ISO & EPC™ tags & smart labels. With a 25mm mini footprint, & a 2.5mm ultra low profile, the M1-Mini integrates into virtually anything, extending RFID into the very fabric of everyday life.

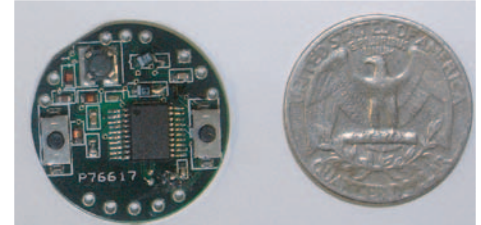
Totally Wireless!

Designed to mate directly with the Mica2Dot™ wireless sensor network device from Crossbow Technology, the combination RFID plus Mote offers next-generation wireless networking + remote sensing capability in the smallest form factor available, with the lowest power requirement, at distances up to 50 meters. Ideal for use in distributed and ubiquitous computing solutions throughout the daily experience.

Miniature 13.56MHz RFID Reader
ISO15693 ISO14443 EPC™

**On-Board
Antenna**

**Wireless Host
Connectivity**



Tag Compatibility:

Tag-It™ HF-I	2k	Texas Instruments	ISO15693
ICode™ SLI	1k	Philips	ISO15693
my-d™	2k,10k	Infineon	ISO15693
LRI512™	0.5k	ST Microelectronics	ISO15693
Tag-It™ HF	0.5k	Texas Instruments	Proprietary
ICode™ 1	1k	Philips	Proprietary
PicoTag™	2k,16k	Inside Contactless	Proprietary
GemWave™	id only	TagSys	Proprietary
Mifare™	id only	Philips	ISO14443A

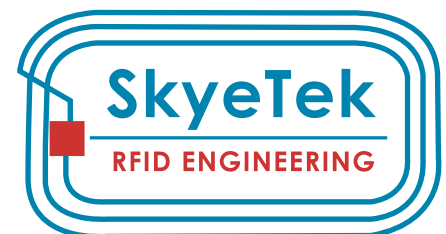
Technical:

Power Supply:	3.7V to 3.2V (1-cell Li battery cell)
Supply Current:	25mA @ 3.3V, 60uA Sleep
Dimensions:	2.5cm (1 inch) diameter, small footprint 2.5mm (0.1 inch) low profile
RF Frequency:	13.56MHz, FCC and CE Compliant
RF Data Rate:	26kbps ISO15693, 106kbps ISO14443
RF Power:	120mW nominal
Antenna:	Internal and 50-ohm external ant. port
Read Range:	7cm internal ant, 15cm external ant.
Host Interface	TTL, I2C, SPI, or Wireless
Host Data Rate:	Serial TTL (N,8,1) = 9600 to 57600 baud rate FLASH memory for firmware updates in the field 240 bytes user data
Processor:	
Memory:	

Ordering Codes:

M1-mini	13.56MHz RFID Read/Write Module
EA1	External Antenna Module 95x95mm

Made in the U.S.A.



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