

## SkyeTek announces **SkyeRead M1**

SkyeRead M1 is a low-cost high-performance RFID reader module for easy integration into custom products and equipment. This multi-protocol device can read and write most industry standard 13.56MHz tags and smart labels. Use the M1 to quickly and easily add RFID technology to your new systems and equipment.

### For easy integration into:

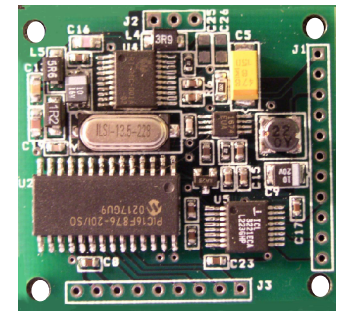
- label printers
- handheld data terminals
- vending machines
- barcode scanners
- any custom equipment

### Features:

- Contactless identification
- No line of sight required
- Optional external antenna
- Simple ASCII protocol interface
- Small module for easy integration
- Reads multiple tags simultaneously
- Industry standard 13.56MHz operation
- Compliant with ISO15693 and ISO14443
- Reads and writes tags with up to 10k bits

## 13.56MHz RFID Reader/Writer ISO-15693: Tag-It ICode My-d STM

### Multi-Protocol RFID Read/Write Module



38mm

40mm

### Tag Compatibility:

#### ISO-15693 -2 -3:

**Tag-It HF-I** (Texas Instruments)

**I-Code SLI** (Philips)

**My-d SRF55V02/10P** (Infineon)

**STM LRI512** (ST Microelectronics)

**Tag-It HF** (Texas Instruments)

**I-Code1** (Philips)

**PicoTag 2K\*** (Inside Contactless)

**GemWave\*** (TagSys)

**ISO-14443\*-A -B**

### Technical:

<b>Power Supply:</b>	1.2V to 5V operation
<b>Supply Current:</b>	45mA @ 5V, 150mA @ 1.8V, 50uA standby
<b>RF Frequency:</b>	13.56MHz
<b>RF Modulation:</b>	10%/100% ASK (Reader to Tag) FSK/Machester (Tag to Reader)
<b>RF Data Rate:</b>	26.6 kbits/s (ISO15693) 105.9 kbits/s (ISO14443)
<b>Host Interface:</b>	Serial RS232 or TTL (Rx/Tx/GND) 9600, 19200, 38400 kbits/s (N,8,1) SPI bus (SDI/SDO/SCK) 3MHz data rate I <sup>2</sup> C bus (SDA/SCL) 400kHz data rate
<b>FLASH MCU:</b>	Firmware upgrades for new protocols
<b>Dimensions:</b>	38mm x 40mm x 4mm
<b>Read Range:</b>	75/150mm int/ext antenna (credit card)
<b>Antenna:</b>	Internal or external 50-ohm antenna
<b>Compliance:</b>	FCC, CE, Industry Canada

\* Available 2003

