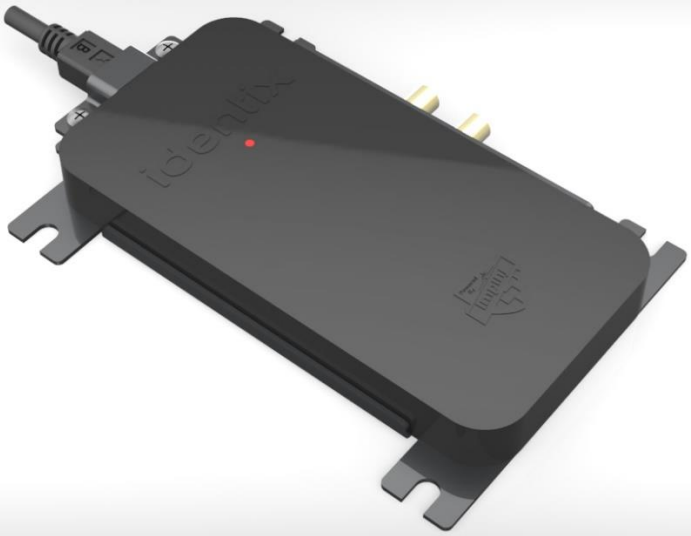
Identix miniPad SMA

ultra-compact UHF RFID USB reader with two antenna ports



miniPad® SMA AT A GLANCE

- Mini USB UHF RFID reader with two RF ports for external antennas
- Can operate in “keyboard wedge” (keyboard emulation) mode, which enables easy integration to software applications designed to work with barcode scanners
- UHF module with maximum software configurable transmit power of +23 dBm

CONECTIVITY

- USB 2.0 port for communications and power

DATA CAPTURE

- Integrated UHF RFID Reader/Encoder

Identix MiniPad SMA is a compact, low-cost UHF RFID USB reader with two RF antenna ports with SMA connectors.

It delivers maximum RF power of +23dBm, which allows reading distances greater than 4.5 meters, depending on the type of tag and antenna used.

Identix MiniPad SMA can be used as a module / component for integration into RFID enabled products and solutions since it is easily connected and controlled by microcontrollers and low-cost IoT oriented platforms like Raspberry PI, Arduino, BeagleBone, and others

Identix miniPad SMA can operate in "keyboard wedge mode" (USB keyboard emulation via HID) which facilitates integration with software applications prepared for use with barcode readers. When operating in "HID" mode, miniPad® SMA can be configured for automatic decoding of RFID tags EPC memory data in SGTIN96 format to UPC / EAN-13 barcode format.

With easy integration, simplicity, robustness and low cost, miniPad® SMA is the ideal device for use in different applications and environments: retail, industry, healthcare, libraries and others.

Product Details

- UHF RFID reader with two SMA antenna ports - ISO18000-63
- Operating frequency band: 902Mhz to 928Mhz
- Maximum transmit power: +23dBm configurable in increments of 0.1dB
- Reads up to 140 tags/s in DRM or 250 tags/s in high throughput mode
- Operating modes: transparent (Impinj IRI API) or USB keyboard wedge (HID)
- One USB 2.0 port for power and data
- Weight: 100g – 3.5 oz
- Dimensions:
  - 116 x 60 x 12 mm
  - 4.6 x 2.3 x .47
- Ingress protection rate: IP54
- Operating temperature: -20°C to +65°C
- Certifications: FCC and Anatel

For additional information visit

www.idntx.com