



Identix miniPad® SMA

Ultra compact UHF RFID USB reader with two antenna ports

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 [Raspberry PI](#), [Arduino](#), [BeagleBone](#), etc.

Identix miniPad can operate in "keyboard wedge mode" (USB keyboard emulation via HID) that facilitates integration with software applications prepared for use with barcode readers. When operating in "HID" mode, miniPad® 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® is the ideal device for use in different applications and environments: retail, industry, healthcare, libraries and others.

Identix MiniPad SMA can be used with a variety of antennas depending on the needs of each application.

Technical Specifications

- UHF RFID reader with two SMA antenna ports - ISO18006-C
- Operating frequency band: 902Mhz to 928Mhz
- Maximum transmit power: +23dBm configurable in increments of 0.1dB
- Tag read rate: up to 160 tags/s
- Operating modes: transparent (Impinj IRI API) or USB keyboard wedge (HID)
- One USB 2.0 port for power and data
- Weight: 100g
- Dimensions: 116 x 60 x 12 mm
- Ingress protection rate: IP65
- Operating temperature: -20°C to +65°C
- Certifications: FCC and Anatel