Identix rPad®

UHF RFID desktop reader with integrated antenna

rPad® AT A GLANCE

- USB UHF RFID reader with integrated antenna
- Ideal for applications that require reading at short and medium distances
- 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

The Identix rPad® is a high performance compact USB UHF RFID reader with a built-in circular polarized antenna, which enables easy reading and reduces the hardware and deployment costs.

The modern and stylish design together with its competitive cost make the rPad® the ideal device for retail applications, especially fashion and apparel.
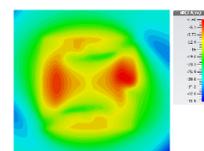
When used with a POS device, the rPad® is versatile and allows for fast, secure and efficient item reads, reducing checkout times and improving customer satisfaction.

Identix rPad® 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, rPad® can be configured for automatic decoding of RFID tags EPC memory data in SGTIN96 format to UPC / EAN-13 barcode format.
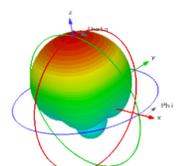
With easy integration, simplicity, robustness and low cost, rPad® is the ideal device for use in different applications and environments: retail, industry, healthcare and libraries.

Product Details:

- UHF RFID reader with integrated antenna - 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
- Integrated circular polarized antenna
  - o Far field gain: 8.5dBiC
  - o Axial ratio: <3dB across all operating frequency band
  - o VSWR <1.4:1
  - o Magnetic field (H) intensity: -1.25 dBA/m @2.5cm from surface (max.)
- Operating modes: transparent (Impinj IRI API) or USB keyboard wedge (HID)
- One USB 2.0 port for power and data
- Weight: 730 gr – 1.6 Lbs
- Dimensions: 215 x 298 x 20 mm
            8.5 x 11.7 x .79 in
- Ingress protection rating: IP54
- Operating temperature: -20°C to +65°C
- Certifications: FCC and Anatel

Campo Near Field   Diretividade Far Field

For additional information visit
www.idntx.com