# IDENTIX RFID RAIN READERS

Identix's line of IoT Gateways includes the mPad+, rPad+, rPad+Mx, EZ230, and EZ270.

These readers all have a similar form factor, in this chart we will compare the different models to help you find the ideal Identix reader for your application.

| | Identix mPad+ RFID Reader $485 | Identix EZ230 RFID Reader $545 | Identix EZ270 RFID Reader $695 | Identix rPad+ RFID Reader $755 | Identix rPad+MX RFID Reader $895 |
|---|---|---|---|---|---|
| **Transmit Power** Published Transmit Power | +23 dBm | +23 dBm | +27 dBm | +23 dBm | +27 dBm |
| **Read Range** Published Read Range | Up to 0.8 m 2.6 ft | Up to 2.5 m 8.2 ft | Up to 6 m 19.7 ft | Up to 2.5 m 8.2 ft | Up to 6 m 19.7 ft |
| **Read Rate** Published Estimated Read Rate | 120 reads per second | 120 reads per second | 160 reads per second | 120 reads per second | 160 reads per second |
| **Data Interface** Published Data Interface(s) | USB 2.0, WiFi 802.11, Bluetooth 5 | USB 2.0, WiFi 802.11, Bluetooth 5 | USB 2.0, WiFi 802.11, Bluetooth 5 | USB 2.0, WiFi 802.11, Bluetooth 5 | USB 2.0, WiFi 802.11, Bluetooth 5 |
| **Antenna Information** Integrated or Antenna Port Details | Integrated | 2 External Ports, SMA Female | 2 External Ports, SMA Female | Integrated | Integrated |
| **Integrated Antenna Specs** Specifications for Integrated Antenna | Circularly Polarized 0.5 dBi Gain | – | – | Circularly Polarized 8.5 dBi Gain | Circularly Polarized 8.5 dBi Gain |
| **Form Factor** Published Dimensions | 116 x 60 x 12 mm 4.6 x 2.4 x 0.5 in | 116 x 60 x 12 mm 4.6 x 2.3 x 0.47 in | 116 x 60 x 12 mm 4.6 x 2.3 x 0.47 in | 215 x 298 x 20 mm 8.5 x 11.7 x 0.79 in | 215 x 298 x 20 mm 8.5 x 11.7 x 0.79 in |
| **BLE Beacon Scanning** Up to 150 m (493 ft) | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Brief Overview** What's Unique | Integrated USB reader/antenna, great for short distance reading applications. Replaces the Identix miniPad. | USB reader with two external antenna ports. Lower transmit power and less read range of the EZ series. | USB reader with two external antenna ports. Higher transmit power and more read range of the EZ series. | Integrated USB reader/antenna for mounting over/under desktops. Lower transmit power model of the rPad series. | Integrated USB reader/antenna for mounting over/under desktops. Higher transmit power model of the rPad series. |

## IMPINJ™ INTELLIGENCE

## WHY IDENTIX

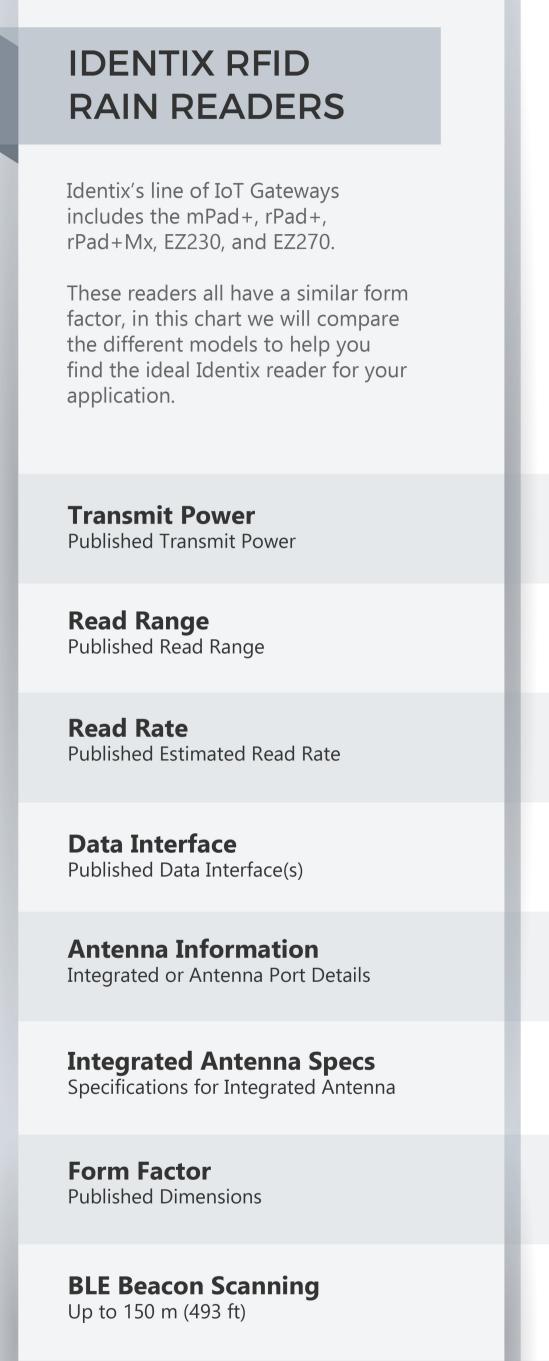All listed Identix Readers have the following features:

**Power Source:** USB Cable
**Operating Frequency:** FCC 902-928 MHz
**Operating System:** CONNECTIX
**Suggested Applications:** Retail, Healthcare, Library Applications
**Operating Modes:** HID Keyboard Wedge Mode, RAW Mode, TRANSPARENT (Impinj Reader Interface (IRI) in C) with available c# wrapper
**Network Protocols:** MQTT(s), RAIN RCI HTTP(s) REST, sockets, and websockets

- BLE beacon and sensor data capture
- UHF RAIN RFID tag reading
- Easy-to-access web interface
- Optional "keyboard wedge mode"
- Bluetooth 5 for beacon scanning
- USB 2.0 port for RFID data communications
- "keyboard wedge mode" allows seamless integration with barcode readers
- IP 54 Rated
- Demo software available by Web Interface via Connectix