

UHF | RAIN - POS RFID Reader **Zebra - FXP20**

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-63) compliant
- Perfect for point of sales
- USB interface & 3 LED indicator
- Easy deployment and configuration



UHF | RAIN - POS RFID Reader Engineered for Retail

The Zebra FXP20 is a fixed RFID reader designed specifically for retail environments. The FXP20 incorporates both an antenna and a reader into one compact, consolidated device that's easy to deploy and configure at the point of sale. Adjustable visual and auditory signals provide instant feedback for successful scans, making it ideal for both staffed checkouts and self-checkouts, as well as inventory control and loss detection for retail operations.

Zebra brings decades of engineering excellence to our RFID portfolio, and the FXP20 inherits that legacy of continuous testing and improvement. Its high performance and ability to filter out stray tags provide fast, accurate checkout and inventory management. The FXP20 reads every RFID tag at the point of sale without being confused by items in neighboring lanes or nearby displays.

With both antenna and reader contained in one compact design, the FXP20 adapts easily to a variety of retail applications and workflows, and scales readily from a single point-of-sale counter to large, complex retail operations. It functions as a simple pad reader on any available work surface, while an optional adapter plate enables the unit to sit flush within a flat counter.

The Zebra FXP20 integrates quickly and easily into checkout counters and other retail control points - simply connect its USB cable to the existing point-of-sale system. Zebra's RFID tools, APIs and SDKs help walk you through any necessary configuration steps with easy-to-understand menus and built-in tutorials.

Common Applications

- Staffed Checkout
- Self-Checkout
- Inventory Control
- Loss Detection



TECHNICAL SPECIFICATIONS

Physical Characteristics

| | |
|---------------------------|---|
| Dimensions | RFID Pad: 136 mm x 117 mm x 36 mm Adapter Plate: 185 mm x 245 mm x 34 mm |
| Weight | 266 gr |
| Power | 12VDC, 2A with DC Connector Lockable |
| Visual Status Indicators | 3 LED indicator multicolor lights (green, blue, orange) |
| Audible Status Indicators | 3 sound levels (low, medium, and high) manageable by SDK |
| Connectivity | 1 x USB Host Type-B LOCKABLE |

RF Characteristics

| | |
|---------------------------|---|
| Operating Frequency (UHF) | 865- 928 MHz band for worldwide support |
| Transmit Power | 10 to 27 dBm (SDK Restriction) |
| Receiver Sensitivity | -78 dBm |
| Antenna | Circular Polarized |
| Antenna Gain | -1 dBic (867 MHz) 1 dBic (915 MHz) |

Environment

| | |
|-----------------|----------------------|
| Operating Temp. | 0°C to 40 °C |
| Storage Temp. | -40° to +70° C |
| Humidity | 5-95% non-condensing |

Regulatory Compliance

| | |
|------------|--|
| Safety | EN 62368-1, IEC 62368-1, UL 62368-1 |
| RF/EMI/EMC | FCC Pt.15 Subparts B & C, ICES-003, RSS-247, EN 302 208, EN 301 489-1/3 |
| SAR/MPE | 47 CFR Part2.1091, RSS-102, EN 50364 |
| Other | ROHS, WEEE |

Part No. / Model

| | |
|--|------------------------------------|
| | Zebra - FXP20 (FXP20042-404031-WR) |
|--|------------------------------------|