FXP20 POS RFID Reader

Optimize Checkouts and Increase Visibility at the Point of Sale

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.



Engineered for Retail

Industry-Leading RFID Technology
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.

Compact, All-in-One Design
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.

Easy Deployment and Setup
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.

Learn how the FXP20 POS RFID Reader can help accelerate checkout and automate inventory control at the point of sale.
For more information, please visit www.zebra.com/fxp20

Specifications

Physical Characteristics

Dimensions	RFID Pad: 5.3 in. x 4.6 in. x 1.4 in. 136 mm x 117 mm x 36 mm Adapter Plate: 7.3 in. x 9.7 in. x 1.3 in. 185 mm x 245 mm x 34 mm
Weight	266 grams
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 Temperature	32° F to 104° F / 0°C to 40 °C
Storage Temperature	-40° to +158° F / -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

Markets and Applications

Retail

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

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com

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