X70

iPhone RAIN RFID/Barcode Sled

Supports GEN2X

iPHONE'S ULTIMATE SCANNING COMPANION

Designed for seamless integration with iPhone, this versatile device can be configured as either a RAIN RFID reader or a barcode scanner. The RFID reader features the Xema M83 module with Impinj E310 chip, delivering up to 300 tags/s at a 2-meter read range for fast and reliable tag detection.



The barcode scanner comes with a high-performance 2D engine for accurate, high-speed decoding, with an optional long-range model capable of scanning up to 10 meters. It also supports optional OCR/MRZ reading for passports, IDs, travel documents, license plates, etc.

Its ergonomic design provides a comfortable one-handed operation, while the rubberized (PC+TPR) housing provides secure grip and durability in demanding environments.

With a direct USB Type-C connection, the device ensures direct and stable data transfer and instant synchronization with iPhone applications- making it an ideal solution for retail and logistics operations, including inventory management, asset tracking, and warehouse workflows.

SPECIFICATIONS

SUPPORTED DEVICE

Supported Device	iPhone 17e, 16e
Interface	USB Type-C

RFID CHARACTERISTICS

RF Engine	XEMA M83 module with Impinj E310
Air Protocols	ISO 18000-63 (EPC Class1 Gen2 v2)
Frequency Range	902-928 MHz (FCC Part 15.247) 865-868 MHz (ETSI EN 302 208) Japan, Taiwan, and other worldwide regions
RF Power Output	Up to 28 dBm
RX Sensitivity	< -70 dBm
Fastest Read Rate	300 tags/s
Nominal Read Range	~2 m (~6.56 ft.)

BARCODE SPECIFICATIONS

Sensor Resolution	1280 x 800 pixels global shutter
Aimer	Cross target red laser
Illumination	White LED
Number of Scan	>50,000 scans/charge
Symbology	**Reading Distance** *mm [in]*
13 mil UPC	573 [22.5]
5 mil Code 39	301 [11.9]
10 mil Code 39	517 [20.3]
20 mil Code 39	800 [31.5]
15 mil Code 128	650 [25.6]
6.7 mil PDF 417	244 [9.6]
10 mil Data Matrix	297 [11.7]
15 mil QR	414 [16.3]

PHYSICAL & ENVIRONMENTAL CHARACTERISTIC

Dimensions	161 L x 80 W x 35 H (mm) 6.3 L x 3.1 W x 1.3 H (in)
Case Material	PC/TPR
Weight	131 gr / 4.6 oz
Battery	Li-ion 1,500 mAh
Charging	Type-C PD 3.0
Indicators	RFID/Barcode read buzzer & vibrator Battery charging LED
Buttons	Two scanning buttons
Operating Temp.	-10°C to 50°C/14°F to 122°F
Storage Temp.	-40°C to 70°C/-40°F to 158°F
Humidity	5%-85% non-condensing
IP Rating	IP65

ORDERING INFORMATION

P/N	Description
X70-16ES-H67	Barcode Sled for iPhone 17e/16e, 2DSR
X70-16ER-USN	RAIN RFID Sled for iPhone 17e/16e, USA
X70-16ER-EUN	RAIN RFID Sled for iPhone 17e/16e, EU
X70-16ER-JPN	RAIN RFID Sled for iPhone 17e/16e, Japan
X70-16ER-TWN	RAIN RFID Sled for iPhone 17e/16e, Taiwan

Please contact us for more availability in other countries/regions.

COUNTRY OF ORIGIN

Taiwan

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