X75

iPhone RAIN RFID/Barcode Pistol Grip

Supports GEN2X™

UNLOCK INSTANT PRODUCTIVITY

This gun-type RFID and barcode combo reader is built for intensive iPhone-based scanning operations, offering flexible configuration as an RFID reader, a barcode scanner, or a dual-function device upon request.



Powered by the Xema M83 RFID module with Impinj chip technology and a high-performance 2D scanning engine, the RFID mode delivers fast and accurate performance, reading up to 300 tags per second at a 3-meter range.The barcode engine provides high-speed decoding, with an optional long-range model capable of scanning distances of up to 10 meters. It also supports optional OCR/MRZ reading for passports, IDs, travel documents, license plates, and more.

Its ergonomic pistol-grip design ensures comfort during extended use, while the rubberized PC+TPR housing provides a secure grip and durability in demanding environments. The replaceable battery enables nonstop, all-day operation.

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



Image: X75 with iPhone 16e, docking charger and batteries (iPhone, charger, and extra batteries are sold separately)

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SPECIFICATIONS

SUPPORTED DEVICE

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

RFID CHARACTERISTICS

RF Engine	XEMA M83 module with Impinj E310 die
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	~3 m (~9.84 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 (Barcode only)
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	143 L x 78 W x 211 H (mm) 5.6 L x 3.1 W x 8.3 H (in)
Weight	298 gr / 10.5 oz with battery
Case Material	PC/TPR
Battery	Li-ion 5,000 mAh, swappable
Charging	Type-C PD 3.0 and pogo pin (docking charger)
Indicators	RFID/Barcode read buzzer Battery charging LED
Buttons	Single trigger button
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

COUNTRY OF ORIGIN

Taiwan

ORDERING INFORMATION

X75 - AAA B - CC D

AAA	OS/Device
16E	iOS, iPhone 17e, 16e

B	Barcode Range
S	Standard Range
M	Medium Range, 5m
L	Long Range, 10m
R	RFID Only, No Barcode

CC	Country/Region
US	USA
EU	EU
JP	Japan
TW	Taiwan

D	Configuration
B	Black (Default)
W	White

*Example: **X75-16ES-USB** is RAIN RFID Reader for iPhone 16e with standard range 2D barcode scanner for USA market.*

ACCESSORIES *(sold separately)*

P/N	Description
A10-X80P	Docking Charger for X75/X80 w/ 2-Pack A20-CP50
A10-X80S	Docking Charger for X75/X80
A20-CP50	Battery Pack, 3.6V 5000 mAh

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