

# X75

## iPhone RAIN RFID/Barcode Pistol Grip

### 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)*

SPECIFICATIONS

SUPPORTED DEVICE

|                         |                 |
|-------------------------|-----------------|
| <b>Supported Device</b> | iPhone 17e, 16e |
| <b>Interface</b>        | USB Type-C      |

RFID CHARACTERISTICS

|                           |  |
|---------------------------|--|
| <b>RF Engine</b>          | XEMA M83 module with Impinj E310 die inside  |
| <b>Air Protocols</b>      | ISO 18000-63 (EPC Class1 Gen2 v2)  |
| <b>Frequency Range</b>    | 902-928 MHz (FCC Part 15.247)<br>865-868 MHz (ETSI EN 302 208)<br>Japan, Taiwan, and other worldwide regions |
| <b>RF Power Output</b>    | Up to 28 dBm   |
| <b>RX Sensitivity</b>     | < -70 dBm  |
| <b>Fastest Read Rate</b>  | 300 tags/s   |
| <b>Nominal Read Range</b> | ~3 m (~9.84 ft.)   |

BARCODE SPECIFICATIONS

|                          |                                     |
|--------------------------|-------------------------------------|
| <b>Sensor Resolution</b> | 1280 x 800 pixels global shutter    |
| <b>Aimer</b>             | Cross target red laser              |
| <b>Illumination</b>      | White LED                           |
| <b>Number of Scan</b>    | >50,000 scans/charge (Barcode only) |
| <b>Symbology</b>         | <b>Reading Distance mm [in]</b>     |
| 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

|                        |   |
|------------------------|---|
| <b>Dimensions</b>      | 143 L x 78 W x 211 H (mm)<br>5.6 L x 3.1 W x 8.3 H (in) |
| <b>Weight</b>          | 298 gr / 10.5 oz with battery                           |
| <b>Case Material</b>   | PC+TPR  |
| <b>Battery</b>         | Li-ion 5000 mAh, Swappable                              |
| <b>Charging</b>        | Type-C PD 3.0 and Pogo Pin (Docking Charger)            |
| <b>Indicators</b>      | RFID/Barcode read buzzer<br>Battery charging LED        |
| <b>Buttons</b>         | Single trigger button                                   |
| <b>Operating Temp.</b> | -10°C to 50°C/14°F to 122°F                             |
| <b>Storage Temp.</b>   | -40°C to 70°C/-40°F to 158°F                            |
| <b>Humidity</b>        | 5%-85% non-condensing                                   |
| <b>IP Rating</b>       | IP65  |

COUNTRY OF ORIGIN

|                              |
|------------------------------|
| <b>Made in Taiwan or USA</b> |
|------------------------------|

ORDERING INFORMATION

X75 - AAA B - CC D

|            |                      |          |                          |           |                       |          |                      |
|------------|----------------------|----------|--------------------------|-----------|-----------------------|----------|----------------------|
| <b>AAA</b> | <b>OS/Device</b>     | <b>B</b> | <b>Barcode Range</b>     | <b>CC</b> | <b>Country/Region</b> | <b>D</b> | <b>Configuration</b> |
| 16E        | iOS, iPhone 17e, 16e | S        | Standard Range (H67SR)   | US        | USA                   | N        | Standard             |
|            |                      | M        | Medium Range, 5m (H68MR) | EU        | EU                    | W        | White                |
|            |                      | L        | Long Range, 10m (H68LR)  | JP        | Japan                 |          |                      |
|            |                      | N        | N/A, No Barcode          | TW        | Taiwan                |          |                      |

Example: X75-16ES-USN 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                    |