

R3

Desktop pad reader for controlled short-range reads

Overview

A flat desktop pad that reads only what is placed on it, keeping stray tags on nearby shelves out of the count. Powered and connected over a single USB-C cable, with Bluetooth as an alternative, and SDKs for Windows, Android and iOS.



Technical specifications

Form factor	Desktop pad reader
RFID module	Impinj Gen2X based module
Antenna	Integrated, single port
Read range	Over 100 cm (Impinj M750 tag)
Read speed	100+ tags in 5 seconds
Output power	1-30 dBm in 1 dB steps
Frequency	865-868 / 902-928 / 920-925 MHz (configurable)
Air interface	EPC C1 Gen2 / ISO 18000-6C
Interfaces	USB Type-C, Bluetooth 4.0 BLE
Power	USB Type-C
SDK	Windows, Android, iOS
Operating temperature	-20 °C to 50 °C
Dimensions	318 x 318 x 20 mm
Weight	1133 g

Common uses

- Point-of-sale reading
- Identity and document verification
- Access control
- Anti-counterfeiting checks
- Production process control

Use case: Counter-side tag encoding

