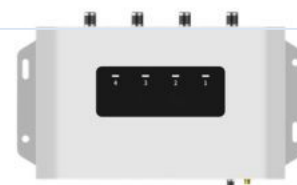


U300

Android fixed reader with 4 or 8 antenna ports

Overview

A fixed reader that runs Android 11 on the device itself, so logic can live at the edge instead of on a separate PC. Four or eight RP-TNC antenna ports, PoE or PoE+ power, and 1300+ tags per second cover portals, production lines and door-level control.



Technical specifications

Form factor	Fixed reader
Operating system	Android 11
CPU	Quad-core 2.0 GHz
Memory	2 GB RAM + 32 GB flash
RFID module	Impinj Gen2X (E-series based)
Antenna ports	4 or 8 channel, 50 ohm RP-TNC female
Read speed	1300+ tags/second
Output power	1 W / 30 dBm adjustable +5 to +30 dBm; optional 2 W / 33 dBm
Frequency	865-868 / 902-928 / 920-925 MHz
Receive sensitivity	Better than -84 dBm
Interfaces	RS-232, RJ45 Ethernet, USB host/device, HDMI
Power	DC 10-24 V, PoE (13 W) or PoE+ (25.5 W)
Operating temperature	-25 °C to 65 °C
Dimensions	247 x 151 x 35 mm
Weight	1.37-1.53 kg (4-port / 8-port)

Common uses

- Dock door and portal control
- Production line monitoring
- Vehicle identification
- Library and archive management
- Warehouse inventory

Use case: Dock door portal

