

UR1A

All-in-one reader and antenna in a single housing

Overview

Integrated reader and antenna in one unit, removing coaxial runs and simplifying installation. Available with a 9 dBi or 6 dBi RHCP antenna, it suits single-point reads such as a doorway, a counter or a production station.



Technical specifications

Form factor	Integrated single-channel fixed reader
RFID module	Impinj Gen2X (E-series based)
Integrated antenna	9 dBi or 6 dBi RHCP
Read speed	1300+ tags/second
Output power	1 W (30 dBm), adjustable +5 to +30 dBm
Frequency	865-868 / 902-928 / 920-925 MHz
Receive sensitivity	Better than -84 dBm
Interfaces	RS-232, RJ45, GPIO
Power	DC 9-12 V
Operating temperature	-25 °C to 65 °C
Dimensions	270 x 270 x 77 mm (9 dBi); 130 x 130 x 60 mm (6 dBi)
Weight	2230 g (9 dBi); 620 g (6 dBi)

Common uses

- Archive and library management
- Banking document control
- Production line stations
- Warehouse single-point reads

Use case: Archive checkout point

