



UHF RFID Reader Module ICL1P (1-Port, Impinj E3500, Wi-Fi)

Model ICL1P · Brand: Identium



A board-level UHF RFID reader with one antenna port, made to sit inside your own kiosk, turnstile, cabinet or barrier controller. Reads up to 15 m at 400 reads per second and reports over Wi-Fi, COM port or network.

KEY FEATURES

- **One antenna port for a single read point: a door, lane, counter or kiosk**
- **Read distance up to 15 m; read speed up to 400 times per second**
- Impinj E3500 reader chip on a bare PCB for OEM integration
- Linux on an ARM9 CPU, designed to run 24 hours a day, 365 days a year
- Wi-Fi built in; Bluetooth and 4G optional
- Auto scan over COM port or network; SDKs for all common languages

APPLICATIONS

Single-lane parking

Attendance turnstiles

Library issue counters

Access-controlled doors

Laundry drop points

OEM kiosks and cabinets

SPECIFICATIONS

Model	ICL1P
Form factor	PCB reader module (board level, for embedding)
Chip	Impinj E3500
Ports	1 antenna port
Read range	Up to 15 m (antenna, tag and site dependent)
Read speed	Up to 400 reads per second
Frequency	UHF, 865–868 MHz (India band)
Processor / OS	ARM9 CPU running Linux
Duty cycle	Designed for continuous 24 × 365 operation
Interface	Wi-Fi; Bluetooth and 4G optional
Scan mode	Automatic scan over COM port or network
SDK	Available for all common programming languages