UHF IHZ-4 RFID Multi Port Reader – Impinj E710

Model IDTS-IHZ4 · Brand: Identium



A four-port fixed UHF RFID reader on the Impinj E710, reading up to 1,000 tags a second at up to 30 m, with Ethernet, serial, Wiegand and relay I/O for attendance, access, library and toll systems.

KEY FEATURES

- **Ships with Identium ReaderSense — desktop configuration, tuning, QC testing and live tracking, with HTTP POST output to your own system**
- **Impinj E710 platform with dual power-amplifier circuit**
- **4 × SMA antenna ports; reads up to 30 m, writes up to 8 m (site dependent)**
- Up to 1,000 tags per second with multi-tag anti-collision
- RJ45, RS-232, RS-485, Wiegand and USB 2.0; 3 inputs and 3 relay outputs
- Java, .NET and C++ APIs plus a direct post API

APPLICATIONS

School time attendance · Personnel tracking in plants · Library security gates · Door access control · Toll plaza lanes · Warehouse dock doors

SPECIFICATIONS

Model	IDTS-IHZ4
Chip	Impinj E710, dual power-amplifier circuit
Protocol	ISO/IEC 18000-6C (EPC C1 Gen2), ISO/IEC 18000-6B, Impinj Gen2X
Frequency	865–868 MHz (India, ETSI EN 302 208); 902–928 MHz (FCC Part 15) version
Output power	0–33 dBm (±1 dBm), adjustable in 1 dB steps
Channel bandwidth	< 200 kHz
Frequency stability	≤ ±10 ppm
Work mode	Fixed or hopping frequency
Read speed	Up to 1,000 tags/s

Anti-collision	Multi-tag reading
Read range	Up to 30 m (antenna, tag and environment dependent)
Write range	Up to 8 m (environment dependent)
Ports	4 × SMA antenna ports
Interface	RJ45, RS-232, RS-485, Wiegand, USB 2.0 (Wi-Fi, Bluetooth can be added)
I/O	3 inputs, 3 relay outputs
Software	RSSI, antenna detection, online update, data filtering
API	Java, .NET, C++, direct post API
Housing	Aluminium, anti-shock design
Indicators	Power and status
Operating temperature	-20 °C to +70 °C
Storage temperature	-40 °C to +85 °C
Atmospheric pressure	86–108 kPa
Humidity	Non-condensing
Dimensions	170 × 120 × 25 mm
Weight	0.5 kg

Compliance: **BIS & WPC Approved**