



PoE UHF RFID Multi Port Reader – Impinj E710

Model IDTS-IHZ4 · Brand: Identium



The Power over Ethernet version of the IHZ4 4-port UHF RFID reader: one network cable carries power and data, which simplifies gate, ceiling and dock-door installs. Impinj E710, 1,000+ tags/s, up to 30 m.

KEY FEATURES

- Ships with Identium ReaderSense — desktop configuration, tuning, QC testing and live tracking, with HTTP POST output to your own system
- Power over Ethernet: one RJ45 cable for power and data
- Impinj E710 with dual power-amplifier circuit; up to 1,000 tags/s
- 4 × SMA antenna ports (8-port option); reads up to 30 m
- Also RS-232, RS-485, Wiegand and USB 2.0; 3 inputs, 3 relay outputs
- Aluminium anti-shock housing, -20 °C to +70 °C operation

APPLICATIONS

Warehouse dock doors

Ceiling-mounted read zones

Toll and parking lanes

Factory personnel tracking

Library security gates

School attendance gates

SPECIFICATIONS

Model	IDTS-IHZ4 (PoE)
Power	PoE (Power over Ethernet)
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	$\leq \pm 10$ 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 (8 × SMA option)
Interface	RJ45 with PoE, 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**