

E3

Enterprise 3 — EPIC Native RAIN RFID Reader

The Most Secure, Most Capable Fixed RFID Reader Available — Period.

WHY E3 WINS

✓ GUARANTEED DATA (EPIC)

No other reader guarantees clean tag data. EPIC corrects errors at the RF layer. Your WMS / MES never sees bad data.

✓ 50% LOWER INSTALL COST

Integrated PoE++ switch powers everything from one cable. No external switches. No extra power runs.

✓ INVENTORY AND SENSING IN ONE

Reads passive sensor tags natively — moisture, temperature, cure state. No extra hardware.

✓ STRONGEST SECURITY

Bare-metal firmware. No OS. NIST 8259A compliant. Only reader with published security report.

✓ IMPINJ E710 PERFORMANCE

+31.5 dBm. 9.0 dBic antenna. Handles the hardest read environments.

QUICK SPECS

Reader IC: Impinj E710

TX Power: +31.5 dBm max

Antenna: 9.0 dBic RHCP broadband

Ext. Antenna Ports: 3× RP-SMA

Network: 4× RJ-45 + USB-C

Protocol: gen2v2 / 18000-6C/63

PoE Input: PoE++ Class 8, 90 W

GPIO: 4-in / 4-out, 24 VDC / 30 W

Operating Temp: -40°C to +50°C

Form Factor: 10" × 10" × 1.4"

Power Draw: 15 W @ +31.5 dBm / 5 W idle

Security: NIST 8259A compliant

SKU: SAE3

Status LED: Multi-mode — boot, idle, per-antenna read/fault, server connection, firmware update

IDEAL FOR:

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