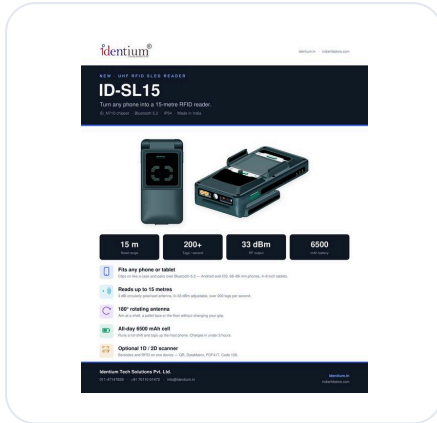




UHF RFID Bluetooth Sled Reader ID-SL15

Model ID-SL15 · Brand: Identium



A clip-on UHF RFID sled reader that turns an Android or iOS phone or tablet into a long-range scanner, reading tags up to 15 m away at more than 200 tags per second for warehouse, retail and asset counts.

KEY FEATURES

- **Read range up to 16 m; 15 m stable outdoors on B-class power tags**
- **More than 200 tags per second with 0–33 dBm adjustable output**
- 3 dBi circular antenna on a 180° hinge to aim at racks or the floor
- Bluetooth 5.2 to Android and iOS; USB Type-C for wired use
- 6,500 mAh battery that can also top up the host phone
- IP54 housing, –25 to +60 °C; optional 1D/2D barcode engine

APPLICATIONS

Warehouse cycle counting

Fixed asset verification

Retail stock-take

Utility meter audits

Dock gate-in and gate-out

Field service and maintenance

SPECIFICATIONS

Frequency	865–868 MHz (India / EU, ID-SL15-IN); 902–928 MHz (ID-SL15-US); 920–925 MHz (ID-SL15-CN)
Protocol	EPCglobal Class 1 Gen 2, ISO 18000-6C, ISO 18000-6B
Reader chip	ID_N710 UHF reader IC
RF output	0–33 dBm, software adjustable (± 1 dB accuracy, ± 0.2 dB flatness)
Receive sensitivity	Better than –85 dBm
Antenna	3 dBi circularly polarised, internal, on a 180° hinge (0° / 90° / 180°)
Read range	Up to 16 m; 15 m stable outdoors on B-class power tags (Identium test conditions)
Read rate	More than 200 tags/s
Interface	Bluetooth 5.2; USB Type-C (convertible to RS232 / RS485)

Compatible with	Android and iOS; phones 68–88 mm wide, tablets 110–130 mm wide (4–8 inch)
Barcode engine (optional)	640 × 480 CMOS imager; PDF417, QR Code, DataMatrix; Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, ITF, Code 93; ≥ 5 mil; 1 W flashlight
Barcode performance (optional engine)	White illumination, 625 nm red aiming dot; 360° rotation, ±55° tilt and skew; depth of field 45–269 mm (EAN-13, 13 mil)
Battery	6,500 mAh, 3.8 V, with over-charge, over-discharge and short-circuit protection
Battery life	UHF reading 2.6–3.4 h continuous; 1D/2D scanning 24 h; Bluetooth standby 346 h; powered off 160,000 h
Charging	USB Type-C, 5.0 V ±0.25 V, full charge in under 5 h; charge at 10–45 °C; 5 V output to charge the host phone
Dimensions	159 × 79 × 18–44 mm (body 23.5 mm, antenna 40.5 mm, clip 13.5 mm)
Material	Flame-retardant ABS + PC, silicone, acrylic and aluminium alloy
Controls & indicators	Four buttons; 5-LED battery gauge, 4 function LEDs, buzzer
IP rating	IP54
Operating temperature	–25 to +60 °C
Storage temperature	–40 to +70 °C
Humidity	5–95% RH, non-condensing
In the box	ID-SL15 sled reader, phone or tablet clip, 5 V 2 A charger, USB Type-C cable, user manual; SDK and demo app on request