![HERDX logo]

R-6 SLED READER – SPEC SHEET

FEATURES/USE CASE

Paired with Android / iOS-based smart phone and terminal

- HerdView Mobile App Use
- Add Animals to Inventory
- Edit Animal Information
- View Animal Information
- Perform Counting Sessions
- Transfers
- Animal/Tag Locator
- Device Management

FEATURES/FUNCTIONS

SDK: Support Android/iOS

5200mAh Removable Battery

UHF RFID (Impinj E710/R2000 Chip)

Bluetooth Low Energy (BLE) 5.0

A complete one-piece solution with smart phone / PDA. Paired with Android / iOS-based smart phone and terminal, it can be easily transformed into a professional data collection device. Built with Impinj E710 / R2000, it features powerful UHF reading and writing that enables read distance of over 35 feet.

R-6 SLED READER – SPEC SHEET

PRODUCT SPECIFICATIONS	
RFID UHF	
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (4dBic)
Power	1W (30dBm, support +5~+30dBm adjustable) 2W Optional (33dBm, for Latin America, etc.)
R/W range	Impinj E710 chip: 30m (Impinj MR6 tag, size 70 x 15mm) 28m (Impinj M750 tag, size 70 x 15mm) 31m (Alien H3 Anti-Metal tag, size 130 x 42mm) Ranges are measured in the open outdoors and low interference environment, and rate is measured in a laboratory low interference environment, they are affected by tags and environment.
Fastest Read Rate	1300+ tags/sec
Indicator LED	Power, Work, Bluetooth
Product Material	Plastic
COMMUNICATION	
Bluetooth	Bluetooth Low Energy (BLE) 5.0
PHYSICAL PROPERTIES	
Dimensions	151 x 76 x 132 mm / 5.94 x 2.99 x 5.19 in
Weight	Sled Reader: 438 g / 15.45 oz.
Size of Adaptive Phone	Sled Reader: Width 68~80 mm, thickness ≤ 22 mm
Battery	Battery specification:5200 mAh removable battery Standby: over 70 hours (keeping Bluetooth connected) Continuous use: up to 2.5 hours Charging time:4-5 hours (with standard adaptor and USB cable)
USER ENVIRONMENT	
Operating Temp.	-4°F~+122°F / -20℃~+50℃
Storage Temp.	-40°F~+158°F / -40℃~+70℃
Humidity	5%RH - 95%RH noncondensing
Drop Specification	Multiple 1.5 m / 4.92 ft. drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP54 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge