HERDX® HANDHELD READER

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

ETS-72 is one of the most powerful next generation RFID Handheld reader based on android platform. Built on Impinj R2000, chipset, it enables more than 15m of read range. The RFID reader features optional barcode scanning, Octa-Core processor and 8000mAh powerful battery to perfectly meet demands in intensive applications, especially in asset management, retail, warehousing, apparel inventory, expressway toll, fleet management, finance, etc.

PRODUCT SPECIFICATIONS	
RFID UHF	
Frequency	EPC C1 GEN2 / ISO18000-6C
Protocol	Circular polarization (4dBi), linear polarization(1.8dBi)
Antenna	1 W (30 dBm, +5 dBm to +30 dBm adjustable)
Power	2 W Optional (33 dBm, for Latin America, etc.)
R/W range	Up to 15 m (circular polarization, open outdoors, Impinj MR6 tag); up to 7 m (linear polarization, open outdoors)
Fastest Read Rate	900+ tags/sec (circular polarization)
PERFORMANCE	

PRODUCT SPECIFICATIONS	
Operating System	Android 8.1; SafeUEM supported
CPU	Cortex-A53 2.5 GHz Octa-core
RAM+ROM	3 GB + 32 GB / 4 GB + 64 GB (optional)
Expansion	
COMMUNICATION	
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna
Bluetooth	Bluetooth v2.1+EDR, 3.0+HS, v4.1+HS
PHYSICAL PROPERTIES	
Dimensions	164.2 x 80.0 x 24.3 mm / 6.46 x 3.15 x 0.96 in
Weight	654 g / 23.07 oz
Display	5.2'' IPS LTPS 1920 x 1080
Touch Panel	Touch Panel Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported..
Power	Li-ion, rechargeable, 8000 mAh Standby: over 500 hours Continuous use: over 12 hours (depending on user environment) Charging time: 3-4 hours (with standard adaptor and USB cable)
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key.
Sensors	Light sensor, proximity sensor, gravity sensor
USER ENVIRONMENT	
Operating Temp.	-4°F to 122°F/-20°C to 50°C
Storage Temp.	-40°F to 158°F/-40°C to 70°C
Humidity	5% RH - 95% RH noncondensing
Drop Specification	Multiple 1.5 m / 4.9 ft. drops (at least 20 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	Sealing IP65 per IEC sealing specifications
ESD	ESD ±15 KV air discharge, ±6 KV conductive discharge