

Allflex Livestock Intelligence RS420 Stick Reader

Allflex Livestock Intelligence Stick Readers are high-performance mobile devices for fast reading of high volumes of electronic identification (EID) tags. Ideal for larger groups and herds of animals, our Stick Readers provide outstanding reading performance, combined with long-lasting batteries, robust design, unique data collection features, and extended connectivity options.

The RS420 has been the premier workhorse reader delivering performance and rugged durability for tough conditions on the Aussie land.



PRIMARY FEATURES

- RUGGED
- RELIABLE
- BLUETOOTH
- LONG BATTERY LIFE
- FAST CHARGING
- DATA ENTRY FEATURE

DETAIL FEATURES

- Large backlit screen
- Vibration, audible beep & flashing green light with tag read
- Fully charges in less than 3 hours
- Runs for up to 8 hours in continuous read mode
- Bluetooth compatible with connection of up to 3 devices
- Ability to upload cross-reference files
- USB upload/download via thumb drive
- USB connection to PC option
- Store up to 100,000 records in sessions with time & date

Allflex RS420 Stick Reader – Specifications

Frequency	134.2 kHz
Transponder types	HDX and FDX-B compatible (ISO 11784 / 11785)
Read range	Approximately 25 cm / 9.84 in with an HDX or FDX-B transponder of \varnothing 30 mm / 1.18 in
Synchronization	Wireless synchronization allows operation with other readers in close vicinity according to ISO24631-2
Interfaces	USB (virtual COM port or mass storage device) Class 1 Bluetooth module v4.1 Dual mode: Classic (SPP, HID), BLE
Memory	8 GB (100,000 records) 25 tasks with 10,000 records each
Power supply	Integrated Li-ion battery 3.4 Ah (12.6 Wh) Internal charging via USB in max. 4 hours with Allflex supplied PSU
Display	61 mm / 2.4 in TFT (65K colors)
Keypad	7-button directional pad including 'OK' button and two soft keys
Signals	2 status LEDs above the display, audio speaker, and vibrating mode
Operating temperature	-20°C to 60°C / -4°C to 140°F
Storage temperature	-20°C to 60°C / -4°C to 140°F
Charging temperature	0°C to 45°C / 32°C to 113°F
Protection level	IP65 water resistant
Dimensions	L x W x H: 650 mm x 85 mm x 42 mm / 25.6 in x 3.3 in x 1.6 in
Weight	≈ 620gr / 21.87 oz

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Allflex Livestock Intelligence, part of MSD Animal Health, is the world leader in the design, development, manufacturing and delivery of solutions for animal identification, monitoring and traceability. Our solutions empower farmers to act in a timely manner, to safeguard their animals' health, while achieving optimal production outcomes for a healthy food supply.

Through its commitment to the Science of Healthier Animals®, MSD Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services. MSD level VfrRjytxyj Animal Health is dedicated to preserving and improving the health, well-being and performance of animals and the people who care for them.

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