

# Allflex® RS420 Portable Tag Reader

Livestock Ear Tag Reader

LIVESTOCK SCALES



## Standard Features

- Reads HDX or FDX-B RFID tags
- Includes EID TAG Manager Windows® based PC software
- Memory holds 10,000 animal tag numbers
- Rugged fiberglass tube construction
- Internal rechargeable Li-Ion battery
- Audible beeper and vibrating handle confirm read tags

## Part Number/Price

Part #	Description	Price
172852	RS420 portable tag reader	Consult

## Specifications

### Dimensions:

(L x W)  
24.00 x 1.25 in

### Weight:

29.3 oz (830 g)

### Temperature:

Operating: -4 °F to 131 °F  
(-20 °C to 55 °C)  
Storage: -22 °F to 158 °F  
(-30 °C to 70 °C)

### Humidity:

0% to 85%

### Rating:

IP67 dust tight/water immersible

### Form Factor:

Portable handheld fiberglass tube enclosure,  
ABS plastic with rubber handle grip

### Bluetooth® Interface:

Internal class 1 (up to 328 ft) serial port profile (SPP)  
and iPod accessory protocol (iAP)

### Communication Ports:

RS-232 Serial Port and USB  
1200 bps to 57.6 kbps (9600N81 default setting)

### User Interface:

Single "press to read" green activation button  
Red LED "exciter active" visual indicator  
Vibrating handle, audible beeper and green  
"good read" visual indicator  
High contrast LCD readout for tag number,  
tag type and tag counters  
RS-232 serial date port, USB  
Software upgradable via RS-232 serial port or USB

### Serial Data ID Code Format:

Decimal or hexadecimal mfr/country code plus  
national ID code

### Memory:

Stores 100,000 (10,000 per session) transponder  
codes in non-volatile memory for download

### User Menu:

Accessed by holding the "black" button down  
for 3 seconds

### Power/Data Interface:

Detachable 3 ft coiled cable (extends to 10 ft)  
or 10 ft straight cable with DB9 female connector  
and 0.1 in x 0.2 in coaxial power jack

### Battery Power:

7.4 VDC-2600 mAh rechargeable Li-Ion battery

### Battery Charge Duration:

3 hours

### Agency Certifications:

Electromagnetic Compatibility - FCC Part 15 Class  
B (FCC NQY-30002), Industry Canada RSS-210 (IC  
4246A-3002), and CISPR 22 (EN55022),  
and EN50082-1  
Product Safety - UL1950, IEC950 (CE Marked)  
ISPRA Certification  
ISO 11784 & 11785  
ISO 24631-2 (approval code 2013001)  
CCIA approval