



The Bullhorn **APM4AM-SAT WS (Wireless Sensor)** is ideal for monitoring equipment associated with the maintenance of the livestock, as well as other agricultural assets, utilizing wireless technology.

APM4AM-SAT WS Benefits

- Monitors inputs from equipment 24/7 and provides timely alarms on power loss or equipment failures using a reliable satellite communication network.
- Alarm notifications communicated via email, voice, fax or page notification
- Data collected by units viewed from Bullhorn Asset Tracker, AI's secure online website



Loss of temperature, power, ventilation, low water pressure or other potential failures can result in degradation of assets quickly. The APM4AM-SAT WS allows for constant monitoring of equipment and quick response to alarm conditions.

Every device can support up to seven wireless sensor transmitters. Each transmitter sends a message when an alarm condition occurs.

The unit uses reliable satellite technology to communicate data and alarms to a personal webpage on the **Bullhorn Asset Tracker (BAT)** online system. BAT allows for immediate, in-depth visibility of unit status and alarms.

For more information:

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AP4AM-SAT WS (Wireless Sensor) Technical Specifications

Environmental

Operating Temperature: -20°C to +70°C

Humidity: 0–95% non-condensing

Inputs-Wireless Sensor

1. Normally closed contacts at each transmitter
2. Up to seven transmitters can be used per unit

Physical (without SAT modem)

Height: 8.5 inches

Width: 6.5 inches

Depth: 4.5 inches

Power

Rechargeable, sealed lead acid battery

- Capacity: 3.4 AH
- Nominal voltage: 12 V
- Low battery level: 11.0 volts @ 20°C
- Dead battery level: 10.5 volts @ 20°C

AC Charger

- Input voltage: 120 VAC, 60 Hz ± 15 V
- Input current: 60 mA
- Input power: 25 VA
- Output voltage (float/fast charge): 13.6-13.8/14.8-15 VDC
- Output current: 50-1100 mA
- Output current limit: Charger will shut down if output terminals are inadvertently shorted or excessive output current. Cycle input power to return charger to normal operation.

Satellite Terminal

NOTE: The satellite terminal contains no user serviceable parts or replace-able fuses. Opening the terminal will void the warranty.