

PRODUCT DATA SHEET



AMR6

American Innovations' **AMR6** Bullhorn wireless remote monitoring devices are ideal for automated meter reading applications where a daily read is needed. Each has 6 digits of meter resolution and reports utility meter readings daily. During installation, the unit is set to match the meter's reading to allow for occasional verification of accuracy. It can also be configured to store the reading at a particular time that may be different from the reporting time to ensure that meter readings from multiple meters are comparative. Using the information collected from these units, gas marketers can adjust their nominations.

The Bullhorn AMR6-GSM has GSM digital cellular communications capability, while the AMR6-ORB utilizes the ORBCOMM satellite system, and the AMR6-SAT employs the Inmarsat D+ satellite system. Bullhorn satellite devices are ideal for international use. All devices collect scheduled meter reads for a low monthly fee. You can access data from the Bullhorn web site via your internet browser from anywhere in the world, day or night. The automatic transfer of data from the Bullhorn system to customer business systems is optionally available as well.

The AMR6-GSM is available in an anodized aluminum enclosure (NEMA 4X compliant) or a 3" diameter PVC enclosure (UL/CUL approval pending) which makes it possible to hide the antenna from vandals. The AMR6-SAT and AMR6-ORB are available in a NEMA 4X plastic box enclosure. Each product option comes with sealed lead-acid gel cell battery with solar or AC charger. The AMR6-GSM model is also available with a lithium battery option capable of 1500 transmissions.



The AMR6 is ideal for commercial gas metering and more...



AMR6-GSM
AMR6-ORB
AMR6-SAT

Data Inputs

1 Dry Contact Closure or Active Digital; accumulates up to a 6 digit reading.

Dry Contact:

22 μ A source current
Max rate = 2.5 cycle/sec.
Min. Width = 100 Millisec/state change

Active Digital:

Logic 1 = 2Vmin
Logic 0 = 800mV max

Accumulators:

Max Input Rate of 2.5 cycles/sec.
Min Width=100 millisec/state change

Outputs

N/A

Config. Parameters

Meter factor; Initial meter index reading; Daily accounting time; Number of Daily health checks

Supporting Products

Requires configuration kit; Contact closure not included; Optional high gain antenna

Power Supply

Sealed Lead-acid gel cell battery w/ solar or AC charger; optional lithium battery for cellular model only.

Physical Description

Cellular version: 1) anodized aluminum can (3.66 X 5.5" w/o antenna); sealed, self contained unit includes antenna, power supply & mounting bracket; also available in plastic box enclosure (8.5 X 6.5 X 4.5"). Satellite version in plastic box enclosure only.

Data Integrity

Data stored in non-volatile (EEPROM) memory

Environmental

Temp: -30 degrees C to +70 degrees C; Humidity: 0-95% non-condensing

Compliance

Aluminum can enclosure: UL CUL Class 1, Div II Hazardous Certifications; All enclosures: NEMA 4X compliant for all Bullhorn types; FCC Part 15

Software Interface

Bullhorn secure website. Standard web browsers. AI Network operations center

Communications

GSM Digital Cellular; Orbcmm Satellite; Inmarsat D+ Satellite



For more information or to place an order:

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Products protected by one or more of the following patents:

U.S. D437,243 S

Canadian No. 92670

U.S. 5,933,092

U.S. 5,785,842