

## powered asset beacon

The Guardian 1200 is designed to aid in the theft detection and recovery of assets that have either a 12V DC or 110V AC power source. The beacon must be connected to a DC or AC power source, but it also contains an internal, rechargeable backup battery that will provide up to 24 hours of standby operation.

It is ideally suited for installations in construction equipment and machines, modular construction buildings and automated teller machines.



## features and benefits

features	benefits
• Locate/Track	• Provides real-time location from any web-based computer
• Daily status report	• Provides a daily location report at a user-defined time
• Zone monitoring	• Receive immediate notification upon entering or exiting defined zones
• Power cut notification	• Provides an instant alert if external power is cut or disabled
• Internal backup battery	• Provides up to 24 hours of standby operating time if main power is cut
• Low battery alert	• Provides an alert when the backup battery is low
• High sensitivity GPS receiver	• Provides a location fix in impaired signal environments
• Internal antennas	• Makes installation fast and easy
• Weatherproof	• Safe for installation on outdoor equipment*
• Communications via GSM wireless network	• Widest available wireless coverage
• SMS data transport	• Reliable and cost effective for low volume usage
• LED status indicators	• Assists with installation and troubleshooting

\* Using available weatherproof housing

## specifications

### GPS

GPS chip set:	SirfStar III
Acquisition time:	< 6 sec Time To First Fix (TTFF) (hot) < 35 sec TTFF (warm) < 45 sec TTFF (cold)
Accuracy:	Less than 15 meters, SEP without SA

### Communications

GSM:	Normal MS-SMS data only
Bands:	850 MHz 900 MHz 1900 MHz

### Antennas

Cellular:	GSM internal
GPS:	Internal

### Power Source

Primary source:	110V AC adapter 12V DC adapter › 100mA average › 2A max
Back-up battery:	900 mAh, 3.6V DC Li-Ion rechargeable battery (internal)

### Mechanical/Environmental

Size:	45(W) x 66(L) x 25(H) mm
Weight:	87g
Operating temperature:	-30°C to +70°C
Humidity:	5% to 95%, non-condensing