

(CELLULARM)

User's Manual



1. General Description

CELLULARM is a 4G LTE to Analog Converter. This device allow you to connect a regular analog phone, using RJ-11 jacks, to the 4G LTE wireless network instead of a traditional landline (PSTN). This enables you to make and receive calls using the cellular network infrastructure, offering the convenience and coverage of a wireless connection while still using your existing analog phone.

CELLULARM leverage the benefits of modern cellular technology while still using your familiar analog phone equipment.

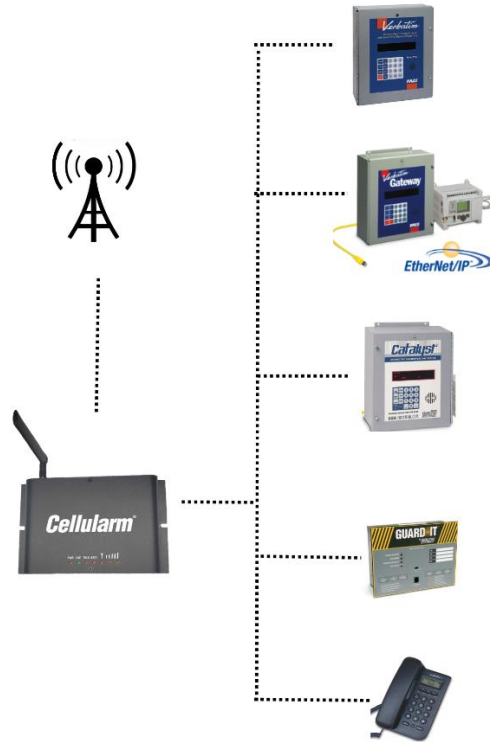
2. Features and Functions

- Installation is straightforward and maintenance is hassle free.
- The device feature a reliable industrial module and a robust design, ensuring consistent performance.
- CELLULARM connects to alarm systems for wireless security alerts.
- Enjoy robust signal strength facilitated by high-gain antennas.
- The device supports both 1.8V and 3.V sim chips.
- Compatible with Verizon, ATT/First Net, T-Mobile, US Cellular
- DTMF 2nd dialing out is supported for enhance functionality.
- Design to accommodate broad voltage range with low power consumption.
- Built to withstand harsh weather conditions and environments
- Backup li-ion battery included.

3. Installation and Connection

CELLULARM requires 12VDC power supply for operation. The antenna should be located in an open area covered by 4G LTE Network. Please note that the Voice quality can be influence by the signal strength.

1. Insert sim (2FF Mini-Sim) into the sim cardholder at the back of the terminal.
2. Install Antenna.
3. Connect phone cord from Alarm dialer to one of the RJ-11 Jacks provided.
4. Connect 12 Volt DC adapter to CELLULARM then plug adapter into 120V outlet.



Technical Specifications.

Max power consumption: 0.25W / 0.5W

Standby: Less than 25mA

Transmission: Less than 400mAh

Sensitivity: -105dB

Dial tone frequency: 450MHz (standard)

Hanging Voltage: 45V

Picking current: 30mA/41mA

Operation temperature: -10°C ~ +60°C

Operation humidity: 45% ~ 95%

Atmosphere pressure: 86 ~ 106KPa

Environment noise: <60dB

Antenna amplifying: >2.5db

Input power: DC 10V - 20V

Dimensions (L x W x H) (average): 170 x 118 x 30mm

Weight: CELLULARM 1.6 lbs

Connection mode: RJ-11 phone sockets

Antenna connection: SMA antenna connection

Battery backup: Li-ion 1000mAh. Up to (40hrs standby) (2.5 hrs. Transmitting)

Material: Galvanize steel

Power Supply: Mean Well GST25A12-P1J

FCC identifier: 2ALP-8848



HERE TO HELP

Get in touch

You can contact us by using the email and phone details below. Please feel free to ask questions, or speak to us about any of our products.

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