

CALAMP

2830

3-Wire Asset Tracker



The Calamp 2830 is a multipurpose tracking device that provides location and runtime data (if connected to a post-ignition power source) for your fleet. With a rechargeable battery, it is ideal for assets that are typically connected to power but may sit disconnected for periods of time. Its simple 3-wire cable provides for a quick and inconspicuous installation.

INSTALLATION OVERVIEW

Installation requires the connection of power (red), ground (black) and ignition (white) wires. We recommend making the power/ground connections with heat shrink butt splices or ring terminals on clean, paint-free metal surfaces — or, to a fuse panel using add-a-circuit connectors. Ignition indication connections may be made to a post-ignition source that does not receive voltage while the asset is off (e.g. hour meter, key-switch or alternator). Ignition source must not exceed operating parameters. The device should be secured using screws through the mounting tabs or with an adhesive, double-sided foam tape that has a temperature rating for your environment. Make sure the surface is clean and smooth. This device must not be fully enclosed in a metal housing, and it must have adequate cellular network coverage to transmit asset data and location.

STATUS LEDS

■ GPS ■ Cellular
 Flashing = Scanning
 Solid = Connected

SPECIFICATIONS	
Power Requirements	12 – 24V DC Constant Power
Battery	Rechargeable 5200 mAh
Operating Voltage	9 – 30V DC
Operating Temperature	-30° to +60° C – Primary Power -10° to +60° C – Internal Battery
IP Rating	IP66
Power Consumption (Typical)	50mA @ 12V – GPS Tracking / Cell Idle 15mA @ 12V – Radio / Active Sleep 400uA @ 12V – Deep Sleep
Network	LTE Cat 1
Dimensions	4.5" (L) x 3.2" (W) x 1.6" (H)
GPS Accuracy	~2m Open Sky
Weight	8.11 oz
SW/FW Updateable Over-the-Air	