

SOLAR POWERED. RUGGED. INTELLIGENT.

CLP-CELLULAR

AP3 CASE STYLE | VIRTUAL NETWORK OPERATOR — LTE / CAT-M / 2G FALL



Cost-effective visibility wherever cellular infrastructure exists.

A compact, solar-powered asset gateway built for domestic and near-shore operations. CLP-Cellular selects the strongest available network, stores data when coverage drops, and forwards it automatically when service returns.

SMART CONNECTIVITY

Global virtual network operator with LTE primary service and automatic Cat-M and 2G fallback. Best-path routing selects the strongest available terrestrial network.

SELF-POWERED HARDWARE

AP3 compact case with magnet ON/OFF activation, a 1W energy-harvesting solar panel, a 5 Ahr 7.2V Li-ion battery, and VHB tape for rapid installation.

SECURE, READY DATA

AES-256 encrypted and HERO-tested. The cellular modem IMEI is the primary identifier; data feeds the RF-ITV Server or goes directly to DoD/USG systems through an API.

AT A GLANCE

**LTE / CAT-M /
2G**

NETWORK

4 HR / 2 HR

STATIONARY / MOVING

AES-256

ENCRYPTION

AP3

CASE STYLE



CLP-CELLULAR

TECHNICAL PROFILE

AP3 CASE STYLE | VIRTUAL NETWORK OPERATOR — LTE / CAT-M / 2G FALLBACK

Two-way communications, configurable reporting, and mission-ready integration in a self-powered asset gateway.

CONNECTIVITY

- Global virtual network operator; LTE is the primary path.
- Automatic Cat-M and 2G fallback.
- Connects wherever terrestrial cellular infrastructure exists.
- Store-and-forward queues data until a network is available.
- Best-path routing selects the strongest available network.

DEFAULT BEHAVIOR

- Location every 4 hours while stationary.
- Location every 2 hours while in motion.
- Also reports battery voltage, temperature, and sky-view metrics.
- Over-the-air configuration changes are available with program management approval.

HARDWARE

- AP3 compact case with magnet ON/OFF activation.
- 1W solar panel with energy harvesting.
- 5 AHr, 7.2V Li-ion battery.
- VHB tape included for slap-and-track installation.
- Cellular modem IMEI serves as the primary identifier.
- AES-256 encrypted and HERO tested.

INTEGRATION & ACTIVATION

- Feeds RF-ITV Server or direct DoD/USG system APIs.
- Cellular service is pre-activated at delivery.
- Cost-effective for domestic and near-shore operations.

BEST FOR CONUS operations, port logistics, domestic supply chains, and areas with reliable cellular coverage.

