## SATELLITE PUSH-TO-TALK RADIO <br> 4G LTE ENABLED



Leverage a powerful combination of push-to-talk (PTT) radio capabilities over reliable satellite connectivity with the option for cellular failover. This system integrates a M2M terminal with an easy-to-use PTT radio to establish seamless radio connectivity over land and sea. This means that whether you have a field team patrolling rural areas or teams just offshore, you can be sure they have a means to communicate with their base operations leveraging satellite in areas where LMR and cellular might not work.

With two systems in place (one for the message sender and one for the receiver), messages can be sent and received without issue and because the system is satellite based, if terrestrial connections are down, this system will still work.

Relevant for Various Agencies \& Use Cases
, Police - Patrol Communications
, Fire - Emergency Response
, EMT - Emergency Response
, Forestry - Land Surveillance
>Construction - Remote Teams
, Insurance - Disaster Response
, Energy/Utilities - Pipeline Monitoring

## Technology

, IP-based networking
> L-Band Satellite Connectivity
, Message via the PTT handset, over ethernet, or Android App
, Ethernet and Wi-Fi enabled and real-time monitoring with no delays
, Two-way send/receive connectivity
> Low-latency for instant message transfer and real-time monitoring with no delays
> High reliability—even in harsh weather conditions
, Low service costs with bandwidth
, Embedded commercial GPS and GLONASS
, Netted Voice
> Message recording of audio files for playback
, Ability to set up different talk groups


MOUNTING OPTIONS


## PTT Handset Specifications

| , CPU: MT6737M Quad core processor | , FDD-LTE:Band1/2/4/5/7/12/13/17/28a/28b |
| :--- | :--- |
| 64bit | WCDMA: Band $1 / 2 / 4 / 5 \mathrm{GSM} / \mathrm{GPRS} / \mathrm{EDGE}$ |
| , RAM+RO: $1 \mathrm{~GB}+8 \mathrm{~GB}$ | Band2/5 |
| , OS: Android 7.0 | , Antenna |
| , Screen Size: 4.5 inches, $480 \times 320 \mathrm{~mm}$ | $1-$ WCDMA/GSM with external antenna |
| , Language: Multi languages | $2-$ GPS antenna with external antenna |
|  | $3-$ BT/WIFI antenna is built-in FPC antenna |

FDD-LTE:Band1/2/4/5/7/12/13/17/28a/28b Band2/5

1- WCDMA/GSM with external antenna
2 - GPS antenna with external antenna
3 - BT/WIFI antenna is built-in FPC antenna
, Wifi: IEEE802.11 b/g/n
, Working Voltage: DC 10-24V
, Bluetooth: Bluetooth 3.0HS
, GPS: GPS/AGPS
, USB: USB 2.0
, SIM: TypeStandard sim card
, Dimension: 170x80x85mm
Weight: 380 g

## M2M Terminal Specifications



