

 BATTERY	 LINK	 LOCATION
<ul style="list-style-type: none"> ● Full battery 100% - 70% ● Half battery 60% - 30% ● Low battery 20% - 1% ● Charging battery 	<ul style="list-style-type: none"> ● Home Unit ● 3G 	<ul style="list-style-type: none"> ● Full signal ● Can't detect signal level ● No signal

Product Overview

Currently, The prison in Thailand can hold approximately 100,000 prisoners. However, there are over 300,000 prisoners at the moment.

Forth Corporation identified this pressing issue early on and invented "Forth Taglock EM" as a smart solution.

"Forth Taglock EM" is a tracking device made for prisoners that have been pardoned and those with lower ranked crimes. These prisoners no longer have to be present in the main prison. They are allowed to leave while wearing this tracking device.

"Forth Taglock EM" works with GPS, 3G, and RF . The device will be link with home unit by RF frequency . The device has an efficient tracking system that quickly reports to the detention officers when the prisoners are out of bound.

All in all, this is the tracking device that will solve Thai prison issue and a solution for the future.

Feature

- Charger
 - Auto Power Rating 100-240 V
 - 5V 1.5A
 - Magnet connector type
 - Cable length 2m
- Battery
 - Internal 2000mAh
 - Power Bank 10000 mAh
 - More than 24 hours (High capacity battery)
- Water & dirt resistance
 - Immerse in water maximum 5 meters (IP68)
 - Dirt resistance
- The Monitoring center can make alert to prisoner by beeper and vibrator on the device if needed. Prisoner can press the button to acknowledge.
- Tamper proof, tamper resistance and Tamper detect
- Heat resistance up to 0-85C
- Configurable restricted area for prisoner
- Overall weight 250g
- Alarm
 - Exit restricted area.
 - Low battery
 - Low signals
 - Tamper detected
 - Control center requested alarm
- Forth data map base and tracking system
- Encryption AES 128 bit connect to server and home unit base

Technical Specifications

- Communications
 - 2G/3G (Outdoor):
 - GSM850/900/1800/1900 and UMTS850/2100
 - HSDPA R5: Max 3.6Mbps (DL)
 - WCDMA R99: Max 384kps (DL/UL)
 - RF-UHF (Home):
 - 433MHz Proprietary protocol with encryption.
 - <10 dBm Transmitter
 - 105dBm Sensitivity (Use with home unit)
- Navigation
 - GNSS:
 - GPSL1, GLONASS L1, GALILEO E1, BEIDOU B1 with AGPS
 - Indoor navigation
 - Cell site IDs
 - No cell site zone (Fox hunting mode)
 - 433MHz Fox hunting transmitter with movement and direction report. (Optional, Use with tracking receiver and hand held directional antenna)
- Power
 - Li-ion battery
 - 2000mAh 3.6V
 - Charging time 2 Hrs
- Alarms and acknowledge
 - LEDs:
 - 3G/Home unit signal
 - GNSS signal
 - Battery status
 - Vibrate Beep:
 - Out of restricted area alarm.
 - Battery level alarm.
 - GNSS location update needed alarm.
 - Control center requested alarm.
- Button:
 - SOS/Acknowledge

Standard Marks

