



Mobile Unit

Electronic Monitoring System

The Mobile Unit developed within the scope of the electronic monitoring system is designed to apply probation conditions to people subject to house arrest. It connects to servers encrypted via a closed network using GSM, GPRS communication infrastructure. It can send location data received via GNSS satellites and paired ankle bracelet information to servers in real-time.

Voice calls can be made with the person being monitored and also push notifications can be sent to the mobile unit. The device can operate with different functions for victim and convict scenarios. It can remain operational for up to 1 day without charging.

It is a part of the electronic monitoring system, and can be paired with the ankle bracelet product via BLE technology and used as a pair. It can track 5 ankle bracelets at the same time. Ankle bracelet's signal, transmit data, software updates are done over an encrypted channel.

Bluetooth 5.1



65 mm x 112 mm x 17 mm
Dimensions



136 gr. Weight



3.000 mA Battery
Up To 24 Hours Use Time



GPRS Class 12
850 / 900 / 1800 / 1900 Mhz



USB Type C



GPS, GLONASS, Galileo



-167 dBm Tracking Mode
-149 dBm Interception

