

LMU2000B Consists of the following 4 boards

1. Beacon Board

Battery charger

2.4GHz beacon radio

2452 MHz, 2472 MHz, 2477 MHz and 2482 MHz

Contains 25 MHz crystal and 32 KHz crystal

Designed by Transcore/Amtech Inc.

2. App Board

APP microcontroller

Fuse and PI filter

DC/DC converter

Cellular radio

uBlox - U200

Penta Band - 850/900/1800/1900/2100

Contains 12 MHz crystal

3. GPS board

GPS receiver

GPS antenna

4. Cellular PCB antenna

B1

Battery
Charger

2.4GHz
Beacon
Radio

B2

Fuse and
PI Filter

APP
Microcontroller

DC/DC
Converter

Cellular
Radio

B4

Cellular
PCB
Antenna

B3

GPS Receiver and Antenna