CPE-MP500 Series

Ubiquitous Mobile Tracking System Series

Main System
(CPE-MP500-SM)

Main System
(CPE-MP500-TM)

Sub System
(CPE-MP500-SUB)

INTRODUCTION

The CPE-MP500 Ubiquitous Mobile Tracking System series consist of a teacher-centered main system, a student-centered main system, a subsystem for teachers or students, and mobile tracking server software. The subsystem can send various sensor and GPS data to the control center. It is a composite training system based on the next-generation telecommunication technology. You can access the mobile control system anytime anywhere as long as you are connected to the Internet.

You can perform various telecommunication experiments on CDMA, Wi-Fi, ZigBee, TCP/IP, GPS and RFID. You will gain hands-on experiences in home network control through the course of setting up a network using the main system and the subsystem and controlling various components such as a gas valve, an automatic door, a warning light and a signage display.
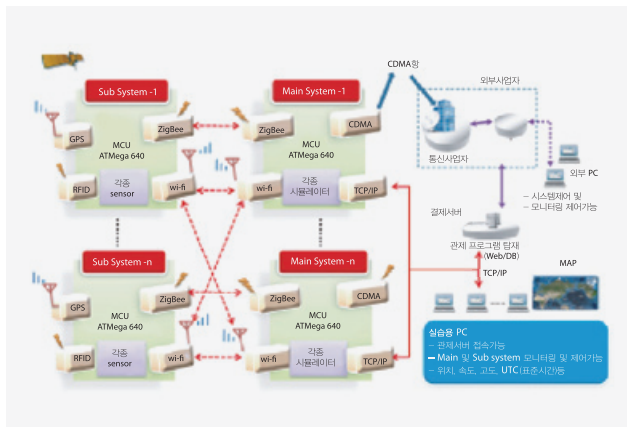
FEATURES

- Real-time monitor and control capabilities for a main system and a sub system
- Remote access and monitoring through a CDMA communications network and a Web server
- Measures temperature, humidity, solar radiation and gas amount
- Capable of sending the location data by the GPS function
- Easy system manipulation by the LCD touch screen panel and key pad
- Displays various types of sensor data on the LCD screen
- GPS module control and data analysis
- Supports GEO-Fence configuration and control functions

Mobile Tracking Server Software (Web-based)
- Real-time mobile monitoring (Subsystem & Main system)
- Real time system control in a web environment
  (Subsystem & Main system)
- Excel data conversion and analysis
- GEO-Fence setting and control function
- Indication of a current location in the electronic map
- Checking the travel status in the electronic map by obtaining GPS
  information (latitude and longitude)
- Communication program (TCP/IP network server)
  - Capable of proceeding in the ratio of 1:3000
  - Build the distributed communication system
  - Distributed processing for stable communication

Mobile Tracking System Component

Education & Application