

## eTel ET8610 GPRS/SMS FAM 10 Features

- Industrial Design

ET8610 GPRS/SMS FAM is industrial design which built-in watchdog chipset to ensure the system work continuously, Watchdog monitoring the GPRS module and CPU all the time, if the GPRS module or CPU does not response for long time, FAM will restart automatically. FAM is very suitable for long-term continuous work applications.

- Embedded Li-battery and Temperature sensor

ET8610 GPRS/SMS FAM built-in 450mA Lithium battery, it can work for 3 hours if the external power supply cut off. Also, FAM will send alarm message to notify the user that the external power supply was cut off. the built-in temperature sensor can real-time monitoring of environment temperature, FAM also support t external digital temperature sensor that monitor user's device surface temperature, when the temperature lower or higher than the specified value, FAM will send alarm message, when the temperature returned to normal, FAM will send notice message to user also.

- User-define alarm SMS

ET8610 FAM GPRS/SMS support User-define alarm SMS, according to alarm port status, FAM will choose the user pre-stored content, and send to user mobile phone by SMS, it's easy for user to read alarm message.

- I/O status Buffer

ET8610 FAM has buffer to save the I/O status data during GPRS/SMS tunnel problem, when the GPRS/SMS tunnel return to normal, FAM will send buffer all data immediately.

- Ring and SMS alarm

FAM support ring and SMS to send alarm message, when the alarm happen, FAM will start ring for 10 seconds, and then send alarm SMS to users. Users also can remote setting and control FAM by SMS.

- SMS receipt

To ensure user receive the alarm messages, user can set the alarm SMS resend frequency, unless the alarm clear or receive ACK message receipt from user phone, FAM will repeat to send alarm SMS by Specified frequency and interval.

- Alarm clear message

All of FAM I/O port can be set the alarm clear message, when the port alarm status clear, FAM will send alarm clear SMS to notice user.

- Regularly report the I/O status

ET8610 FAM support auto send I/O port status by specified time, after user set the time, FAM will send the port status on specified time daily.

- Clock synchronization

FAM support clock synchronization; it can read the clock from SMS or get clock from management platform by GPRS.

- Cell phone and PC be Data service center

GPRS/SMS FAM supports cell phone and PC server to be data service center, if PC to be service center, please use eTel FAM management platform software, it supports SQL data base, google map etc. it can monitor thousands FAM via GPRS; if the stations exceeds 500 points, we suggest use FAM management platform.

- Worldwide applications

ET8610 GPRS/SMS FAM has broad range of applications; it can be used in industrial remote monitoring, security, meteorology, environmental protection, water conservancy, electric power industries.

To more suitable of industrial M2M applications, eTel can quickly modify the software and hardware according to customer requirements.