

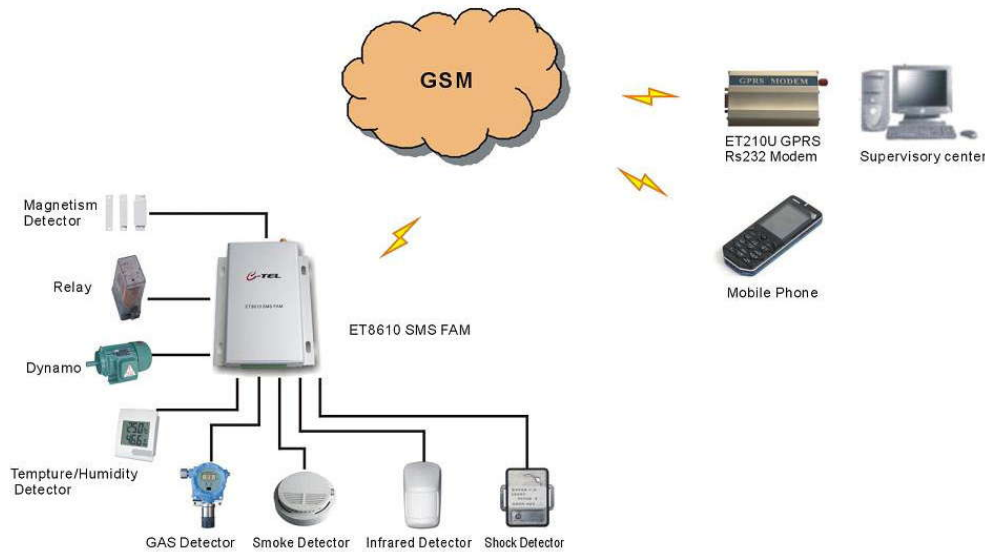
ET8610 FAM



SMS(Short Message Service) is instant message service which based on GSM network, provides low-cost, encryption, reliable, convenient feature. Along with SMS application widely, Shenzhen eTel Technologies Co., Ltd., was developed ET8610 SMS FAM device which widely use in M2M applications, like power grid, water domination, environment protect, retail etc..

ET8610 SMS FAM (Fixed Asset Monitoring) is an enhanced SMS messenger (GSM or CDMA service optional) which integrated with I/O port, RTU (Remote Terminal Unit), Relay, Sensor functions, it can help people to monitoring, SMS alarm, control the remote devices.

ET8610 SMS FAM main application filed is Power grid automatization, industrial monitoring, traffic management, weather, finance, Basic Environmen protecting, colliery, Oil field etc, especially, apply in security, remote control. Implement transparent data transmission over GSM network.



Function	Specifications	Compatible Sensor
<p>Basic</p> <ul style="list-style-type: none"> • 900Mhz/ 1800Mhz Dual Band • Easy to installation <p>Enhanced</p> <ul style="list-style-type: none"> • Support SMS Alarm • Provide I/O interface • Embedded Temperature Sensor • Backup Battery • Support SMS to check the status • Watch dog design, ensure modem alive • Clock synchronizing • Support Chinese, English, Hex SMS • Support SMS remote configuration • ARM7 CPU, high performance • Real time OS, steady system • Alarm output • SMS receipt and acknowledgement • Voice alarm • Low consumption, industrial design • Fully type approved with ETSI GSM Phase 2+ standard • Enhanced EMC/EMI design <p>Note: DI = Digital Input AI = Analog Input DO = Digital Output</p>	<p>Interface</p> <ul style="list-style-type: none"> • Antenna: 50 /SMA Female • SIM/R-UIM: 3V • Configuration: Rs232 • DI: 3 Ports (0-3V Flash, 3-36V True) • AI: 1 Port • DO: 1 Port <p>Power</p> <ul style="list-style-type: none"> • Voltage: 12V~18VDC • Default Voltage: DC12V • Consumption: 80mA@ DC12V <p>Others</p> <ul style="list-style-type: none"> • Dimension: 90mmx62mmx22.5mm • Weight: 190g • Operation temperature: -20~+55 C • Storage temperature: -40~+85 C • Relative humidity: 95% (no-condensing) 	<ul style="list-style-type: none"> • Water Level Sensor • Pressure Sensor • Speed Sensor • Infrared Detector • Humidity Sensor • Dynamo Sensor • Temperature Sensor • Magnetism Detector • Flow Sensor • Shock Sensor • Relay • Microwave Motion Sensor • Wind Sensor • Smoke Sensor • Lighting Sensor • Gas Detector • Horizontal Sensor • Emergency Button

Applications		
<ul style="list-style-type: none"> • Telecom stations (BTS, microwave station) UPS battery, tempture, smoke monitoring • Power transformer substation door, smoke, temperature monitoring • Remote control air-condition, Power Supply, UPS devices. 	<ul style="list-style-type: none"> • Power grid automatization • Irrigation system • Small supermarket alarm network • Storage temperature and humidity monitoring • Vending Machine SMS alarm • Production line SMS Alarm Monitoring 	<ul style="list-style-type: none"> • Water pump SMS Remote Control • Environmental Monitoring • ATM machine SMS Alarm • Power leakage protector alarm and remote control • LED Screen SMS remote control