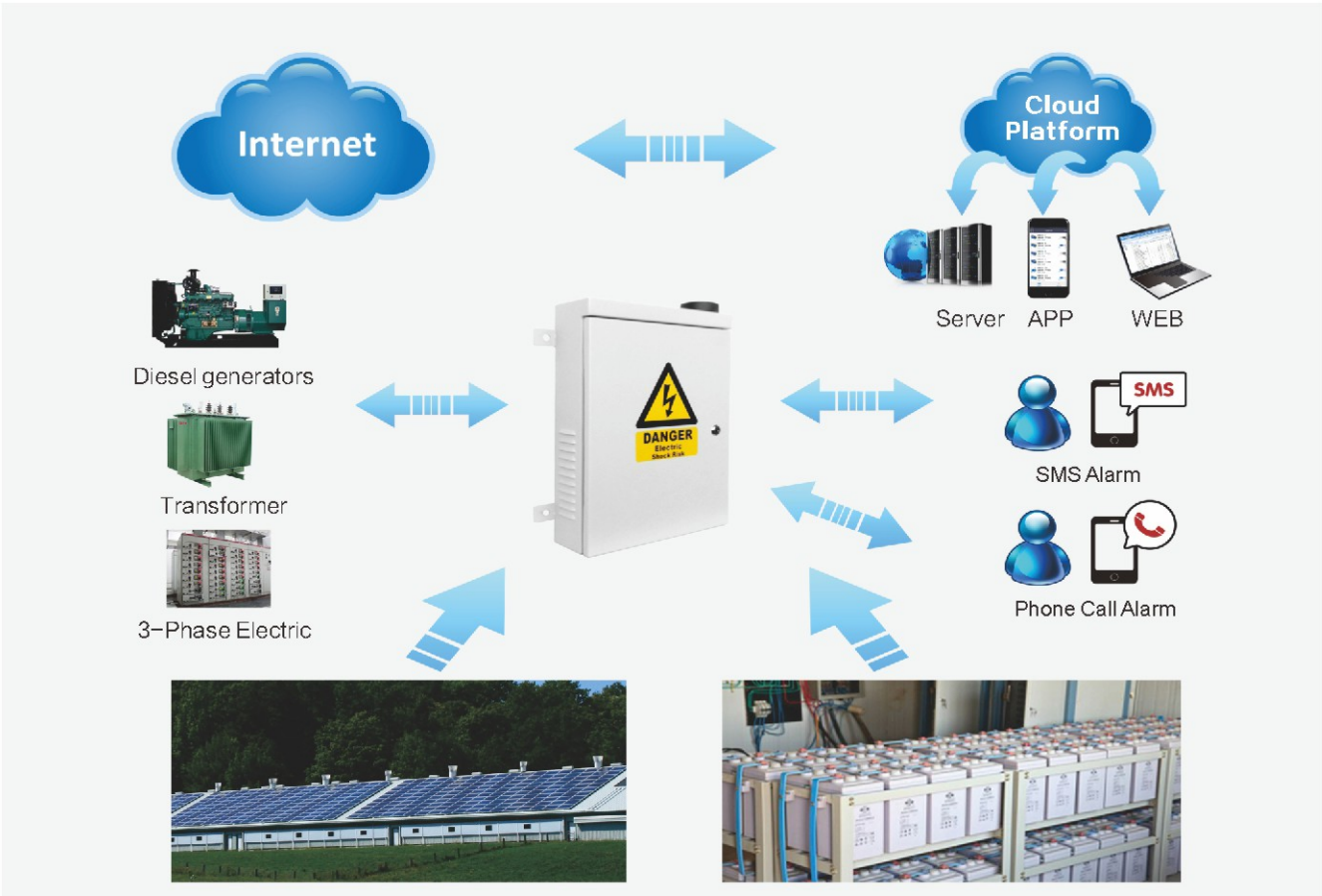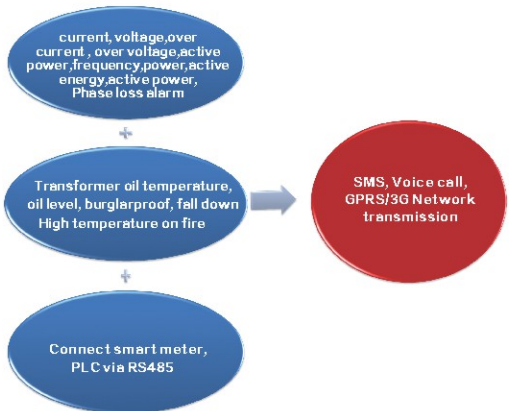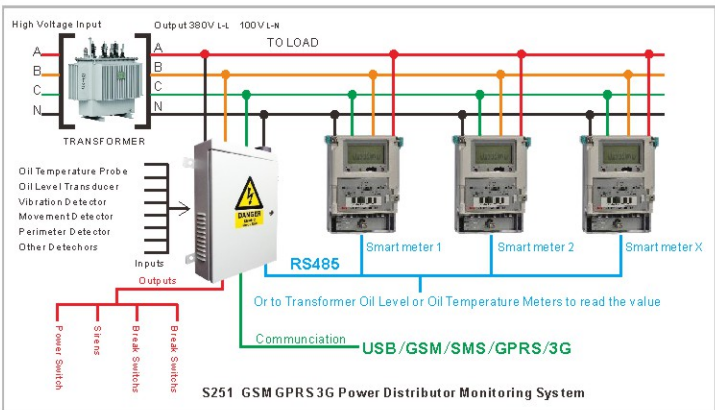# Model:S25X Wireless Smart Electric Power Monitoring Measuring RTU

Wireless Electric Measuring RTU is designed for 110−400V AC power distribution system,it can as smart meter to measure current,voltage,power ,active power, frequency, etc. If any item exceeds the pre−set value, then it will alert by SMS or voice call, also can be used for monitoring the safety and security of the transformer, e.g. overload, phase loss, oil temperature, oil level, burglarproof, fall down etc.Can cascade various smart meters via RS485.

Main Features:

◆ Built−in Industrial class GSM 3G 4G Module,NB−IoT is optional;
◆ Modular design, can easily upgrade the cellular module if network upgrade;
◆ Embedded ARM   Cortex   −M4 32 Bit RISC Core, 168 MHz inside, RTOS system, reliable performance with in−built watchdog;
◆ Powered up by 85~264VAC,120~370VDC or 12~36VDC directly, with over voltage and phase−reversal protection;
◆ 4 digital inputs, compatibles dry and wet contact;
◆ 2 relay output (5A/30VDC, 5A/250VAC), compatibles pulse outputs;
◆ 1 ambient sensor input for monitoring on site temperature and humidity;
◆ Inbuilt inter−lock logic programmer and powerful timer program function;
◆ Resend the data while communication failure and alert to users by SMS;
◆ Inbuilt TCP/IP protocol stack, supports cloud, APP and web server applications;
◆ Supports Modbus TCP protocol, can integrate to SCADA, HMI, DSC directly;
◆ Integrated 1 Industrial 10/100M adaptive Ethernet module inside, supports Modbus TCP;
◆ Supports SMS Alert when overload, I/O triggered or recovery, and external power lost or recovery;
◆ Provides 1 channel DC power source output for external device, saving wiring cost;
◆ Up to 10 SMS Alert and dial numbers, can program to receive specified alarm message;
◆ Inbuilt 4M internal memory to save historical data and events;
◆ Inbuilt large capacity automatically rechargeable backup battery;
◆ Industrial class design suitable for long time work applications;
◆ Using metal shell, protection class IP67. Metal shell and system security isolation, especially suitable for industrial applications in the field.

Model	Component	Description	Measure Range
S251	S278+PMA100	Single Phase Electric Measuring RTU	Default:260VAC,5A; Optional:100V,450V,1A,20A,50A,100A.
S252	S278+PMA101	Single Phase Electric Logger(With LED)	Default:260VAC,5A; Optional:110V,2.5A,10A,15A,20A,30A
S253A	S278+PMA300 +DAM122	3−Phase Electric Measuring RTU(3−phase 4−wire)	Default:500VAC,10A; Optional:5A
S253B	S278+PMA300 +DAM122	3−Phase Electric Measuring RTU(3−phase 3−wire)	Default:260VAC,5A; Optional:70V,120V,450V,1A
S254	S278+PMA301	BTS Electric Measuring	Default:260VAC,5A; Optional:70V,120V,450V,1A
S255	S278+PMD200+ 2 Hall current sensor	2−CH DC Electric Measuring RTU	Default:60VDC,100A; Optional:100V,260V,450V,500V,5A,50A,50A
S256	S278+PMD500+ 5 Hall current sensor	5−CH DC Electric Measuring RTU	Default:60VDC,100A; Optional:100V,260V,450V,500V,5A,50A,50A
S257		3−Phase Electric Measuring RTU (3−phase 3−wire, 3−phase 4−wire)	AC 100V−400V,1(5)A
Note	1.Default version is 2G module,3G/3G is optional. 2.if the measurement ranges are exceed the default and optional range,then should plus PT and CT		

S260/S261 GSM GPRS 3G Temperature Logger S262/S263:GSM GPRS 3G Data Logger

S26x GSM/3G/GPS Analog data logger is special for remote monitoring and logging data and switch on/off devices. When the value higher or lower can send SMS to alert, also can save the data on internal memory and transfer data over TCP/IP to server by GPRS or 3G WCDMA/UMTS network.S26x models compatible with the Real time remote Central Monitoring System--KingCenter CMS-02 via GPRS/UMTS TCP/IP, and support KingCenter CMS-01 via SMS
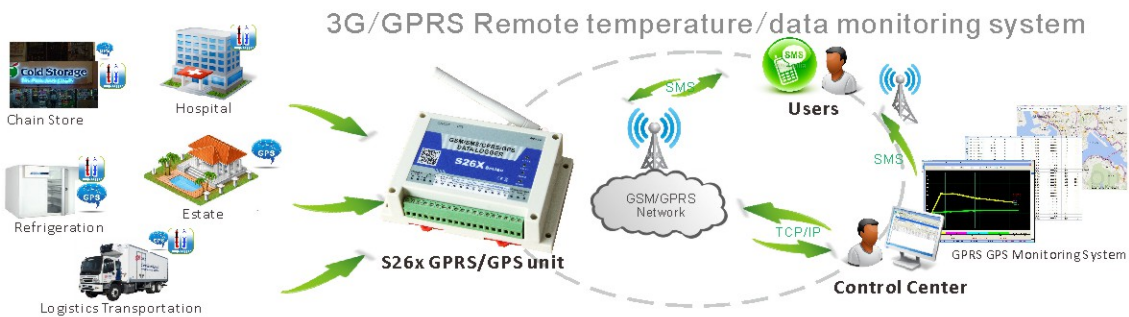
GSM and 3G WCDMA band,distribute worldwide applications available

Main Features:

◆ GSM and 3G WCDMA band,distribute worldwide applications available；

◆SMS command or PC Software programming via USB；

◆Supports 2 Server(Master and Slave) via GPRS,UMTS/HSDPA；

◆Daily report, schedule upload, event upload program mable ;

◆6 numbers for receiving temperature alert and relay control;

◆Relay control by Caller-ID with free of charge, SMS, GPRS,UMTS/HSDPA(*work with KingCenter CMS-02);

◆1 Relay output, NC/NO contacts, 7A/125V AC, 5A/250VAC, 20A/14VDC;

◆4 Analog inputs,supports 0~20mA,4~20mA, 0~5V ,support Ultra-Low/Low/High/Ultra-High limit alarm monitoring;

◆4 temperature sensor input,12-bit resolution, -55° C to +125° C (-67° F to +257° F) measurement range;

◆AC/DC Power status monitoring, AC ON/OFF alert by SMS;

◆Historical data download to PC (MS Excel format) via USB;

◆Rechargeable Backup Battery inside (Approx. 8 hours standby);

◆Supports King Pigeon cloud platform,Web,APP,Wechat real-time query and control.

Model	Band	Relay	Analog	Temp Probe	CMS	Standby	Waterproof grade
S260	2G	1		4			
S261	3G	1		4	CMS-02	12	IP67
S262	2G/3G	1	4				
S263	3G	1	4				IP67

3G/GPRS Remote temperature/data monitoring system

Cold Storage
Chain Store
Hospital
Refrigeration
Estate
Logistics Transportation
SMS
Users
SMS
GSM/GPRS Network
S26x GPRS/GPS unit
TCP/IP
Control Center
GPRS GPS Monitoring System

Model:S264/S265/S266 GSM 3G 4G Temp&Humidity Monitoring RTU

S264 GSM GPRS SMS 3G 4G RTU can be used for remote monitoring onsite temperature and humidity,Industrial class communication module,integrated reliable & stable 32 bit MCU,Can remotely set temperature and humidity high/low value alarm,once the temperature or humidity exceeds the preset value, will send SMS to 10 user numbers to alarm. also, it supports GPRS to transfer data to remote monitoring center.

Scan QR code to download

Main Features:

◆1GSM/3G/4G network ,no distance limitation,Can be operated from anywhere;

◆Wide range power supply 9~36VDC with over voltage and phase-reversal protection;

◆Support Android/IOS APP, easily & friendly for use/config;

◆Modular design, can easily upgrade the cellular module if network upgrade;

◆Support 4 channel temperature& humidity(AM2301)/8 channel temperature input(DS18B20);

◆Support 2 relay outputs,7A@125VAC 5A@125VAC 20A@14VDC;

◆High/Low Alert via SMS/Call/GPRS;

◆Supports remotely restart the device, and configure it by SMS commands remotely;

◆Automatically resend the data while communication failure, GPRS failure will alert by SMS text;

◆In-built rechargeable battery, power lost/recover alarm, low maintenance, 24 × 7 operation;

◆Secure – Using caller ID and password for identification, unknown callers are ignored.

Model	GSM/GPRS 3G/4G	Relay Outputs	Sensor Type	Record	Measuring Range
S264	√	2	Temperature&Humidity Model:AM230x	200000	Temp：-40-80° C Humidity：0-99RH%
S265	√	2			
S266	√	2	Temperature Model:DS18B20		Temp：-55to+125° C (-67° F to +257° F
Notice	1.Default version is GSM; 2.For 3G WCDMA and 4G LTE version,please tell our sales where would you like to use them.				