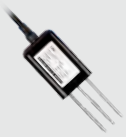


Product Image				
Product Name	**Temperature and Humidity Sensor**	**Digital Display Temperature and Humidity Sensor**	**LCD Temperature and Humidity Recorder**	**LCD Temperature and Humidity Sensor**
Product Model	FST100-2001	FST100-2001J	FST100-2001D	FST100-2001G
Measurement Range	-40~+80°C 0%~100%RH	-40~+80°C 0%~100%RH	Built-in probe: 0-100%RH, -10-70°C External probe: 0-100%RH, -40-80°C	-30~+80°C 0%~95%RH
Output Signal	4~20mA, RS485, 0~5V, 0~10V	RS485	RS485, NB-IoT, 4G CAT1, Ethernet	RS485
Product Image				
Product Name	**Explosion-Proof Temperature and Humidity Sensor**	**Duct-Type Temperature and Humidity Sensor**	**Economy Temperature and Humidity Sensor**	**Compact Temperature and Humidity Sensor**
Product Model	FST100-2001EX	FST100-2001E	FST100-2001F	FST100-2001H
Measurement Range	-40~+80°C 0%~100%RH	-40~+80°C 0%~100%RH	-40~+60°C 0%~80%RH	-40~+80°C 0%~100%RH
Output Signal	4~20mA, RS485, 0~5V, 0~10V	4~20mA, RS485, 0~5V, 0~10V	RS485	RS485, I^2C

Product Image				
Product Name	**High-Temperature Temperature and Humidity Sensor**	**Wireless Temperature and Humidity Sensor**	**Atmospheric Pressure Sensor**	**Illuminance Transmitter (Large Black Box)**
Product Model	FST100-2001I	FST100-2101	FST100-2002	FST100-2003
Measurement Range	-40~+85°C 0%~100%RH	-20~+70°C 0%~100%RH	Atmospheric pressure: 30~120kPa	0~200,000Lux
Output Signal	RS485	NB-IoT, LoRa	4~20mA, 0~5V, 0~10V, RS485	4~20mA, 0~5V, 0~10V, RS485
Product Image				
Product Name	**Illuminance Transmitter (Metal Type)**	**PM2.5/PM10 Air Quality Sensor**	**PM100 Air Quality Sensor**	**Soil Temperature and Humidity Sensor**
Product Model	FST100-2003A	FST100-2005	FST100-PM100	FST100-2006
Measurement Range	0~200,000Lux	PM2.5/PM10: 0~1000ug/m³	PM100: 0~20000ug/m³	-40~85°C 0%~100%
Output Signal	4~20mA, RS485, 0~5V, 0~10V	4~20mA, RS485, 0~5V, 0~10V	4~20mA, RS485, 0~5V, 0~10V	RS485, 4~20mA
Product Image				
Product Name	**Soil Temperature, Humidity, and Conductivity Sensor**	**Soil PH Sensor**	**Soil Conductivity Sensor**	**5-in-1 Soil Monitoring Sensor**
Product Model	FST100-2006A	FST100-2006B	FST100-2006C	FST100-2006D
Measurement Range	Temperature: -40~85°C (customizable) Humidity: 0~100%RH Conductivity: 0~5000us/cm	3-9PH	0~5000us/cm	Conductivity: 0~5000us/cm Humidity: 0~100%RH Temperature: -40~85°C Salinity: 2750mg/kg TDS: 2500mg/kg
Output Signal	RS485	RS485, 4~20mA	RS485, 4~20mA	RS485

Product Image					
Product Name	**Soil Nitrogen, Phosphorus, and Potassium Sensor**	**6-in-1 Soil Monitoring Sensor**	**Rain and Snow Sensor**	**Noise Sensor**	**Piezoelectric Rain Gauge**
Product Model	FST100-2006E	FST100-2006F	FST100-2007	FST100-2010	FST100-2008A
Measurement Range	0~1999mg/kg	Conductivity: 0~5000us/cm Humidity: 0~100%RH Temperature: -40~85°C NPK: 0~1999mg/kg	Low-temperature weather with precipitation such as rain and snow	Range: 30~120dB Frequency: 20Hz~12.5kHz	Accumulated rainfall: 2000~6000 mm (configurable)
Output Signal	RS485	RS485	RS485 Digital Switch Input	4~20mA, 0~5V, 0~10V , TTL, RS485	RS485

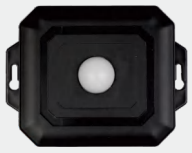
Environmental Monitoring

Product Image					
Product Name	**Single-Tipping Bucket Rain Gauge**	**Stainless Steel Double-Tipping Bucket Rain Gauge**	**Polycarbon Single-Tipping Bucket Rain Gauge**	**Wired Smoke Detector**	**Photosynthetically Active Radiation Sensor**
Product Model	FST100-2008	FST100-2008B	FST100-2008C	FST100-2011	FST100-2014
Measurement Range	Rainfall intensity range 0~4mm/min	Rainfall intensity range 0.01~4mm/min	Rainfall intensity range 0~4mm/min	100-10000ppm	0~2500 umol/m²·s Spectral: 400-700nm
Output Signal	RS485, Pulse	RS485, Pulse	RS485, Pulse	RS485	RS485

Product Image				
Product Name	**Photoelectric Total Solar Radiation Sensor**	**Thermoelectric Total Solar Radiation Sensor**	**UV Sensor (Large Black Box)**	**UV Sensor (Metal Type)**
Product Model	FST100-2015	FST100-2015A	FST100-UV	FST100-UV-A
Measurement Range	0~1800W/m² Spectral range:300~1100nm	0~2000W/m² Spectral range:0.3~3μm	0~15mW/cm² Spectral range:320~410nm	0~15mW/cm²
Output Signal	RS485, 4~20mA, 0~5V, 0~10V	RS485, 4~20mA, 0~5V, 0~10V	NB-IoT, LoRa, 4G CAT1	RS485

Product Image				
Product Name	**Visible Screen Multi-Functional Integrated Sensor**	**Environmental Monitoring Four-in-One Sensor**	**Environmental Monitoring Multi-in-One Sensor**	**Temperature, Humidity, and TVOC Environmental Monitoring Sensor**
Product Model	FST100-2201	FST100-2202	FST100-2202A	FST100-2202B
Measurement Range	Details refer to product specs	Details refer to product specs	-40~80°C, 0%~100%RH Illuminance: 65535Lux	-20~80°C, 0~100%RH TVOC: 0~60000ppb
Output Signal	RS485	RS485	RS485	RS485

Product Image					
Product Name	**Environmental Monitoring Seven-in-One Sensor**	**Multifunctional Environmental Monitoring Instrument**	**Indoor Integrated Environmental Monitoring Terminal**	**Integrated Meteorological Environmental Monitoring Sensor**	**Integrated Atmospheric Pollutant Monitoring Sensor**
Product Model	FST100-2203A	FST100-2203	FST100-2204	FST200-2201	FST200-2202
Measurement Range	Details refer to product specs	Details refer to product specs	Details refer to product specs	Details refer to product specs	Details refer to product specs
Output Signal	RS485	RS485	RS485	RS485	RS485

Product Image				
Product Name	**Wireless Atmospheric Pressure Sensor**	**Wireless Illuminance Sensor**	**Wireless Air Quality Sensor**	**Wireless Three-in-One Environmental Monitoring Sensor**
Product Model	FST100-2102	FST100-2103	FST100-2105	FST100-2114
Measurement Range	30~120kPa	0~65535Lux, 0~200000Lux	PM2.5/PM10: 0~500ug/m³, 0~1000ug/m³	Three-in-One: Atmospheric Pressure, Temperature & Humidity
Transmission Method	LoRa, NB-IoT	LoRa, NB-IoT	LoRa, NB-IoT	LoRa, NB-IoT
Product Image				
Product Name	**Wireless Stevenson Screen Environmental Monitoring Sensor**	**Wireless Integrated Ultrasonic Environmental Monitoring Sensor**	**Miniature Ecological Factor Sensors**	
Product Model	FST100-2115	FST100-2116	FST100-STYZ-01	
Measurement Range	Custom configurable options: Temp/Humidity, Baro Pressure, Illuminance, CO2, Air Quality, Wind Speed/Dir, etc.	Custom configurable options: Temp/Humidity, Baro Pressure, Illuminance, CO2, Air Quality, Wind Speed/Dir, etc.	Temperature: -40~80°C Relative Humidity: 0%~100%RH Illuminance: 0~200000Lux Soil Temperature: -50~+100°C Soil Moisture: 0%~100%RH	
Transmission Method	LoRa, NB-IoT	LoRa, NB-IoT, 4G CAT1	RS485	
Product Image	 Pole mounting type	 Tripod mounting type		
Product Name	**Smart Environmental Monitoring Weather Station**			
Product Model	FST100-QXZ-01			
Measurement Range	**Recommended Package Solutions:** Mini Weather Monitoring Station, Smart Agriculture Environmental Monitoring Station, Dust Monitoring Station, Scenic Area Environment Monitoring Station, PV Weather Station, Ultrasonic Environmental Monitoring Station **Customizable Options:** Meteorological Environment Monitoring: Wind Speed, Wind Direction, Temperature, Humidity, Barometric Pressure, Illuminance, PM2.5, PM10, Noise, Rainfall, Rain & Snow, CO, CO2, Total Solar Radiation, Ultraviolet Radiation Pollutant Environment Monitoring: NO, NO2, SO2, O2, O3, H2, CH4, NH3, H2S Soil Environment Monitoring: Soil Temperature, Soil Moisture, Soil Electrical Conductivity, Soil pH, Soil Salinity, Soil NPK, Soil TDS Planting Environment Monitoring: Photosynthetically Active Radiation(PAR)			
Transmission Method	RS485: MODBUS RTU 4G CAT1: MQTT NB-IoT: LWM2M			