YUA
Fast · Accurate · Managing

plot curve
analyze process data

7"
7' IPS HD
Touch Screen

data upload
to the cloud

IP65 protection



F351x Series

Multi-function Display and Data Logger

DISPLAY & DATA LOGGER

Product Overview

F351x integrates multi-sensor data collection, display and logging functions, providing an economical solution for field instrument central control and process data analysis

F351x collects and records several groups of sensor measurement data with various methods such as digital interfaces, analog interfaces and wireless transmission.The real-time data curves can be used to realize local data visualization and data integration on the cloud. Analyze production process data from the trend view, accurately formulate production and process optimization plans, and e仟ciently complete daily equipment maintenance

Based on the standard Modbus RTU protocol, F351x supports connection of third-party devices. With FixInst configuration software, field devices can be quickly configured

Using a 7" ultra-wide viewing angle touch LCD screen and a high-performance display platform, F351x has clear data display and smooth operation

Supports up to 255 sensors access, local display, curve trend analysis and data recording

Product Advantages

Data Display & Analysis

Display data and plot curve, analyze process data effectively

Ultra-wide Viewing Angle LCD

7”IPS ultra-wide viewing angle screen，high-resolution data display, easy and smooth operation

Data Upload to the Cloud

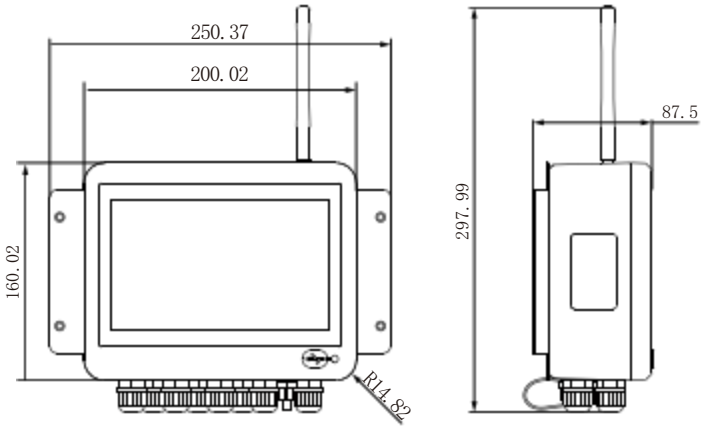
Ethernet interface, supports LAN and 4G wireless connection, data upload to the cloud

Up to 255 Sensor Inputs

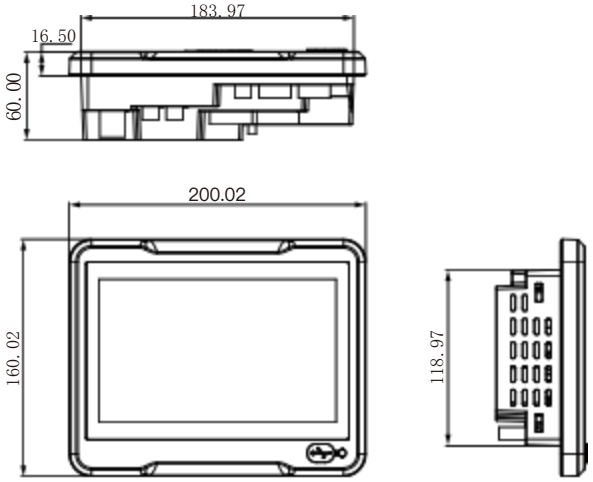
Supports wireless sensor connection, avoiding high cost field wiring

- Centralized collection of field sensors and data curve trends, effective analysis of process data
- (Option) with data logger, 2,000,000,000 values
- With 7” IPS ultra-wide viewing angle LCD, high resolution data display, easy and smooth operation
- Fully isolated electrical structure can completely filter out field disturbance
- Two isolated Modbus RTU (RS485) interface, supports up to 255 sensor inputs
- (Option) Sensor wireless gateway, supports connecting field sensors and devices via wireless connection
- Standard Ethernet interface, supports LAN connection
- (Option) 4G could platform gateway, support uploading data to cloud wirelessly
- IP65 protection, applicable to various industrial fields

Product Dimensions

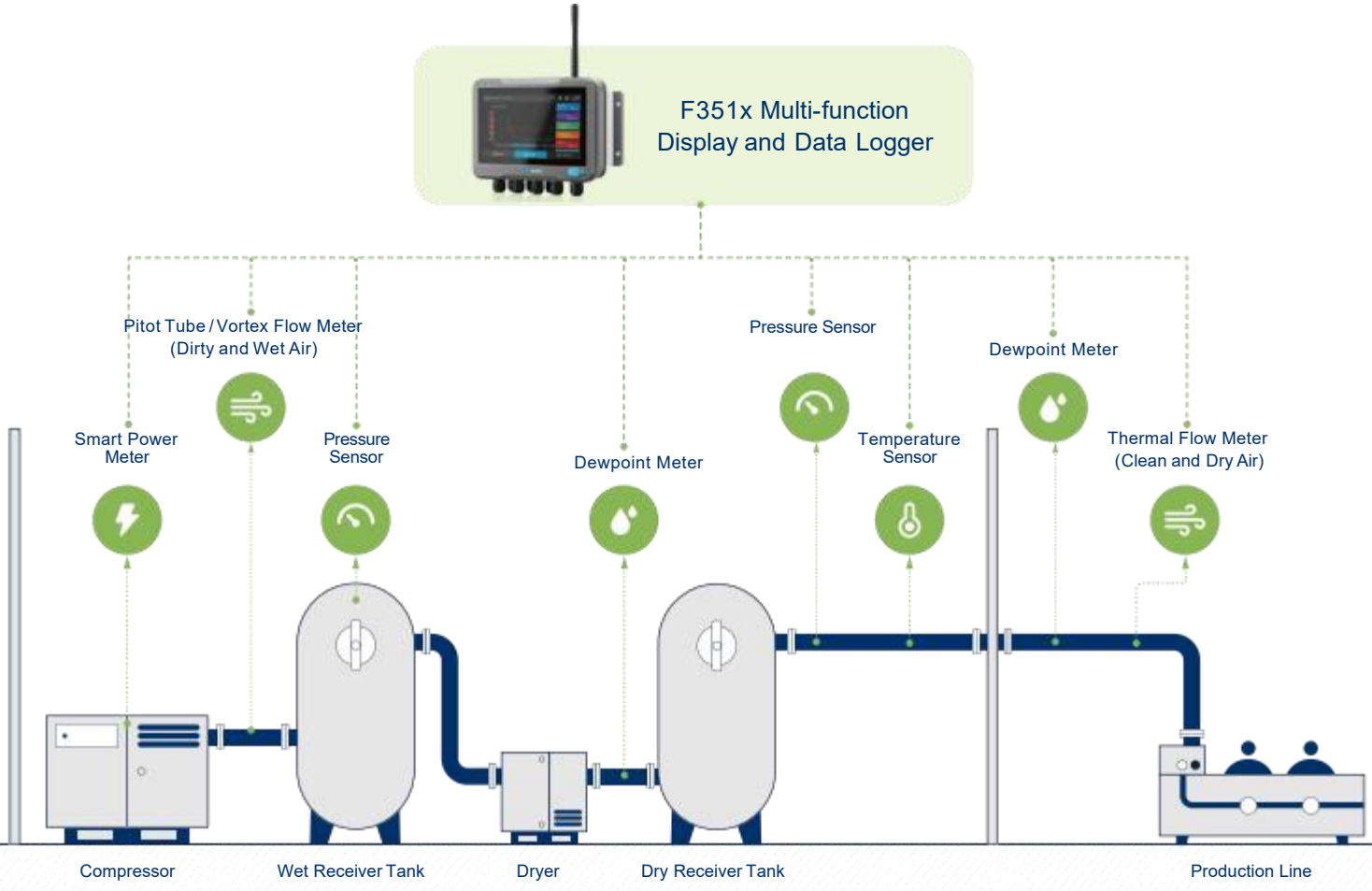


F351x Wall mount Dimensions



F351x Panel mount Dimensions

Product Applications



Technical Data

Display

Display	7” IPS touch LCD
Resolution	1280 × 800

Signal Inputs

Digital Signal	2 isolated RS485 inputs, supports up to 255 Modbus RTU sensor inputs
Aanalog Signal	4 x [0 ... 20 mA / 4 ... 20 mA / 0 ... 1 VDC / 0 … 10 VDC] channel (Option)
Wireless Signal	Sensor wireless gateway (Option)

Output

Digital Signal	Modbus RTU (RS485) Modbus TCP (Ethernet) USB Type-C
Alarm Signal	2 x Relay alarm channel, 230 VAC, 3A
Wireless Signal	4G cloud platform gateway (Option)

Data Logging

Storage	25 G， 30,000,000,000 values
Data Export	USB Type-C

Operating Environment

Operating Temperature	0 … +50 °C
Storage Temperature	-20 … +70 °C
Relative Humidity	0 … 95 %RH

Other

Connector	Wiring terminal
Protection	IP65
Housing Material	PC + ABS
Housing Dimension	Refer to “Product Dimensions”
Installation	Panel / Wall-mounted / DIN-rail (For use with wall-mounted casing)
Cable Diamter	4 ... 8 mm
Certification	Conforms to CE marking standard

Power

AC power	100 ... 240 VAC, total power 75W, Power supply for sensors 60W (S1701 0011)
DC power	24 … 30 VDC, total power and power supply for sensors are depedent on customer power supply (S1701 0012)

Order Information

Model	Power Supply	Modbus RTU Node	Analog Output	Installation	Wall-mounted Casing	4G Comm.	Wi-SUN Comm.	Description
F351A								Multi-function display, 7" IPS capacitive touch screen, panel installation, 2 Modbus RTU inputs, 1 Modbus RTU output, 1 Ethernet output, 1 USB-C interface, without Data logging function
F351B								Multi-function display, 7" IPS capacitive touch screen, panel installation, 2 Modbus RTU inputs, 1 Modbus RTU output, 1 Ethernet output, 1 USB-C interface, with Data logging function
	S1701 0011							Input 100 … 240 VAC / 75 W, Output 24 VDC / 60 W, 2 alarm output relay
	S1701 0012							Input 24…30 VDC, total power and sensor power supply based on input power, 2 alarm output relay
		V0014 0001						30 Modbus RTU sensor inputs (Default)
		V0014 0002						255 Modbus RTU sensor inputs
			V0013 0001					None (Default)
			S1701 0019					4 analog input functions (4~20mA / 0~20 mA / 0~1 VDC / 0~10 VDC)
				S1701 0013				Panel installation (Default)
				S1701 0014				Wall-mounted installation
				S1701 0015				DIN-Rail installation (For use with wall-mounted casing)
					V0013 0001			None (Default)
					S0305 0001			Wall-mounted casing with 4 cable glands
					S0305 0002			Wall-mounted casing with 8 cable glands + Ethernet port
						V0013 0001		None (Default)
						S1701 0010		Built-in 4G cloud platform upload gateway
							V0013 0001	None (Default)
							S1701 0016	Built-in Wi-SUN Gateway, 470 frequency band (mainly applicable in China)
							S1701 0017	Built-in Wi-SUN Gateway, 915 frequency band (mainly applicable in Asia, America and Australia)
							S1701 0018	Built-in Wi-SUN Gateway, 868 frequency band (mainly applicable in Europe and the Middle East)

* There are difference in regulations and standards between contuntries and regions. Please select according to the local Wi-SUN frequency band

Optional accessory:

Model	Description
F0110 0001	External Wi-SUN Sub-module, 470 frequency band (mainly applicable in China)
F0110 0002	External Wi-SUN Sub-module, 915 frequency band (mainly applicable in Asia, America and Australia)
F0110 0003	External Wi-SUN Sub-module, 868 frequency band (mainly applicable in Europe and the Middle East)
M2901 0001	Sensor cable, 5 pin, AWG22, Black (Per meter)
E1701 0035	OTG USB flash drive, Type-A & Type-C dual ports, 32G memory

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