









ST-50

2G |IoT Gateway

PRODUCT DESCRIPTION

Faclon ST-50 is a Quad-band intelligent GPRS IoT gateway suitable for remote monitoring and automation. Faclon ST-51 has the capability of integrating seamlessly with almost every sensor globally where it periodically collects the data from sensors via Modbus RS 485 or Analog channels & communicates with cloud using GPRS in real time. It is completely customizable where we can add peripheral add-ons, enabling it to cater to the most complex requirements. It is very simple to install, just plug & play and let the ST-50 do all the magic.

CONNECTING SENSORS

-  Energy meter
-  Water meter
-  PLC
-  Temperature
-  Pressure
-  Level

SPECIFICATIONS

GSM Frequency	Quad band: 850/900/1800/1900 MHZ Compliant to GSM Phase 2/2+ Class 4 (2W @ 850/900 MHz) Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12 GPRS mobile station class B
SIM Interface	Full size - 3.3V or 1.8V compatible
Transmit Protocol	TCP, HTTP
OTA	Firmware Updating via GPRS
Antenna	External 3 meter extendable antenna
Electrical Standard	TTL or RS-232 or RS-485
RS-485 Port	Multiple Modbus Slave Device Connection
RS-485 Modes	Transparent / Modbus Polling Formatted (ASCII/HEX/RawHEX) with configurable baud rate
Input Port	2 Channels (0 to 24V) Analog / Digital Input
Analog Port	1 Channel 4 to 20 mA
LED Indicator	Power, GSM, Modbus Communication Status
Connector	5 mm Micro-Fit connectors
Dimension	100mm x 85mm x 24mm (L x W x H)
Weight	160 grams
Operating Voltage	10V to 32V DC
Operating Temperature	-10C to +55C