









## ST-11

2G | IoT Gateway

### PRODUCT DESCRIPTION

Faclon ST-11 is a Quad-band intelligent GPRS IoT gateway suitable for remote monitoring and automation. Faclon ST-11 has the capability of integrating seamlessly with almost every sensor globally where it periodically collects the data from sensors via digital as well as analog channels and 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-11 do all the magic.

### CONNECTING SENSORS

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

## SPECIFICATIONS

GSM Frequency	Quad-band: GSM850, EGSM900, DCS1800, PCS1900 Compliant to GSM Phase 2/2+
GPRS	GPRS multi-slot class 12, GPRS mobile station class
Processor	Primary Core: Arm Cortex, Secondary Core: AVR
GPS	TCP, GPS+GLONASS Acquisition: -149dBm Reacquisition: -161dBm Tracking: -167dBm HTTP and MQTT
LED Indicators	BLUE LED for Power Green LED for Connection with IO Sense Servers Red LED for Successful Communication
Analog Compatibility	4-20 mA / ADC / Resistance measurement /Pulse
Digital Compatibility	UART, MODBUS (RS-485 / RS-232), DLMS, I2C, SPI
Mounting	Wall Mounting / Chassis Mountable / Table Top
SD Card	Optional
Dimensions	115 x 65 x 42 mm
Weight	250 gm
Antenna	-2 dBi SMA Antenna
Operating Voltage	12 V, 2A
Operating Temperature	Operating: -20°C to 60°C, Storage: -25°C to 70°C