

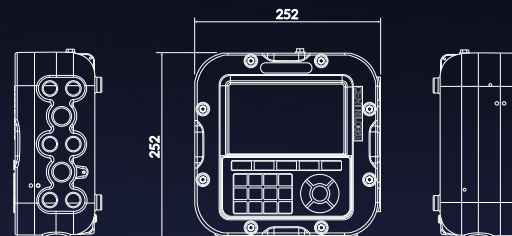
TECHNICAL SPECIFICATIONS

TX
SMART DEVICE

S. A. M. P. I.
METERING EXPERTS

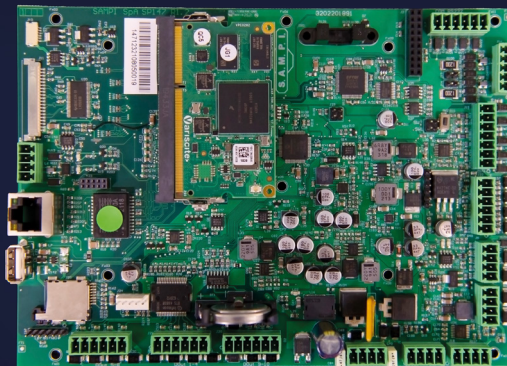
ENCLOSURE

WEIGHT	6.5 kg
ENCLOSURE	IP66, waterproof, corrosion resistant, dustproof
DISPLAY	7" TFT-LCD, 800 x 480 pixels, 16.7 millions of colors, LED backlit
KEYPAD	Non-conductive elastomer, Petroleum and UV resistant
WORKING TEMP.	-40 °C ÷ +60 °C
INPUT VOLTAGE	21.6 ÷ 26.4 VDC
ATEX CERTIFICATION	Ex db ib IIB T4 Gb



MAIN BOARD

INPUTS	- 4 Digital Inputs - 1 x PT100 analog Input	- 2 x 4 - 20mA Input - 1 x Pulser Input
OUTPUTS	10 x digital output (8 + 2 Hi-Power)	
CPUS	Dual Core ARM A7 @ 1 GHz + ARM M4 @ 200 MHz	
OPERATING SYSTEM	Linux Debian	
RAM	1 GB LPDDR2	
STORAGE	8 GB eMMC expandable up to 64 GB (with SD CARD)	
COMMUNICATION INTERFACES	<ul style="list-style-type: none">- 2 x RS 232 used for:<ul style="list-style-type: none">> Serial communication (proprietary protocol)> Printer communication- 2 x RS485 used for:<ul style="list-style-type: none">> Communication with external I/O board (optional)> Communication with Mass Flow Meter (Modbus protocol)- Ethernet Port with TCP/IP Modbus protocol- Wi-Fi connection- Dedicated printer power supply port- USB input	

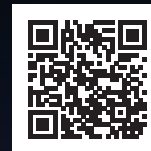
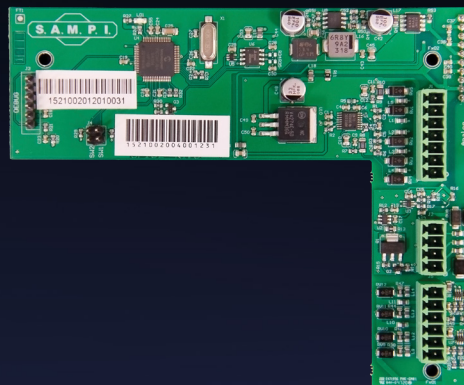


TECHNICAL SPECIFICATIONS

SECOND METER BOARD

INPUTS

- 4 x Digital Inputs
- 1 x Pulser Input
- 1 x PT100 Input
- 2 x 4-20mA Input



SCAN ME

This board is located inside the TEX, connected to the main board with a rigid connector.

I/O BOARD

INPUTS

12 x Digital Inputs

OUTPUTS

32 x Digital Outputs



This board is located externally and communicates with the TEX through a serial cable.