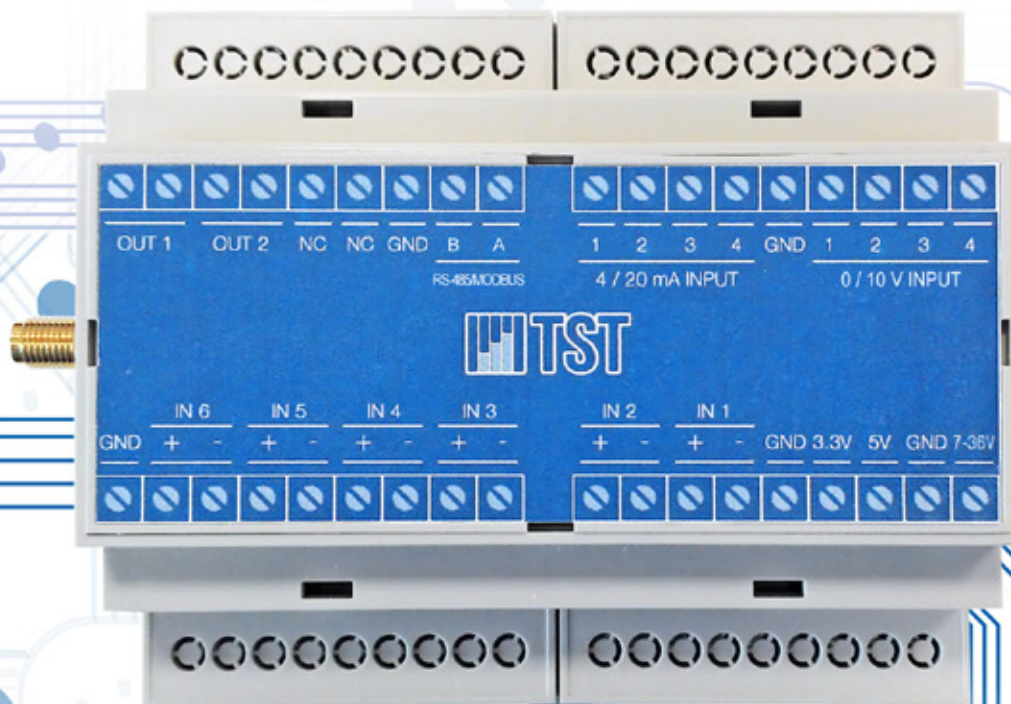


NEW CLOUD-ENABLED M2M INDUSTRIAL CONTROL DEVICE



Backed up by their large experience in IoT/M2M devices and after have worked with many industrial partners, TST unveils a new cloud-enabled device ideal for remote control, sensing and monitoring.

The device offers a set of analog inputs (4/20 mA), digital inputs and outputs and a Modbus RTU bus on top of RS485, GPRS and UMTS. The device is cloud-ready and it might come with built in support for different commercial services like Xively (TM), Carriots (TM), Cumulocity (TM) or Telefonica's DCA (TM) between others. In case of direct connectivity to external applications, the device will be able to interact using well known data exchange formats (XML, JSON, CSV).

KEY FEATURES

Optocoupled inputs with status change interrupt

Industrial range reading sensors

DIN rail enclosure.

USB configuration and GPRS communication

ELECTRICAL

Input Voltage	7-36 VDC
Sensor supply outputs	5 VDC
Current MCU On	45 mA
Current MCU stand-by	5 mA
Maximum current	1.65 A

MECHANICAL

Dimensions	106 x 90 x 58mm (115 x 96 x 58mm max)
Connectors	Terminal Block 36 positions 5.08mm SMA Female connector for external antenna

RADIO PARAMETERS

Frequency bands	850/900/1800/1900 MHz
Supported standards	GSM, GPRS EDGE (MCS-9)
Output power	2W for 850/900 MHz, 1W for 1800/1900 Mhz
GPRS Data Rate	237 Kbps down, 237 Kbps up

INPUT / OUTPUT

Optocoupled Inputs (3 - 5V)	6
Relay output 250V 3A	6
Analogic input 4 – 20mA	4
RS485	1

EMBEDDED SOFTWARE

Supported services	FTP, TCP, HTTP, UDP, email, SMS
Communications	AT Commands TST Software Library

ENVIRONMENTAL

Operation temperature	-40°C / +85°C
Storage temperature	-40°C / +85°C
Certifications	CE, RoHS R&TTE, GCF-CC, FCC, PTCRB, China RTE, ICASA, Anatel, ATEX