

TBOX-LITE FAMILY



A remote control project involving hundreds of identical RTU ? You look for an affordable and powerful - but no modular device – telemetry solution for volume projects ? TBOX-LITE is made for you !

All the power of advanced TBOX concept in a tiny yet ruggedized enclosure. For quantity applications requiring fixed number of inputs/outputs and specific communication ports, Techno Trade offers the « TBOX-LITE ». Of compact size and monoblock, TBOX LITE fixes easily on DIN RAIL.

TBOX-LITE offers all the power of the well-known TBOX concept : advanced telemetry, complete Automation and Internet compatibility. Non modular, TBOX LITE exists in different models. If your project justify quantities, we can develop rapidly your own TBOX-LITE according to your needs, your specification and even your own layout.

Technical specifications may change without prior notice

TBOX
Remote Controlled Intelligence

LT-300-GE

Specifications for LT-300-GE

Processor	16-Bit μ P at 7.37 Mhz
Communication ports	COM1: embedded GSM/GPRS (SMA connector) COM2: RS232 2 wires (Rx/Tx) COM3: RS485 Port, 2 wires, up to 115 KBaud COM4: Ethernet 10/100BaseT - RJ45
Memory	SRAM : 128KB battery backedup – Flash: 768Kbytes+ 20 Kb internal RAM in μ P Multimediacard card support (option): up to 32 Mb
Real Time Clock	Real Time Clock backedup
Switch	Switch Reset/Stop/Run
Power Supply	Power supply 20..30VDC not isolated with internal battery charger
Inputs-Outputs	2 Counter Inputs 4 Digital Inputs 16 Digital Inputs or Outputs – non isolated/non protected 8 Analog Inputs 4/20mA, 13 bits resolution, non isolated, passives, protected against voltage inversion and up to 30V 2 Analog Outputs 8 bits
Terminal blocks	Spring loaded terminal blocks (supplied with the unit)
LEDs	LED for COM1, Ethernet, power and RUN. No LED's for digital I/O
GSM Network	Tri band GSM 900 MHz /1800/1900 MHz
GPRS support	SMG 31bis, Multi slot class 10, class B terminal, PBCCH support
Protection	protection of I/O according to IEC-61131 norm
Compatibility	All systems
SMS Function	Short Message Service MT/MO/CB/PDU - Emmit / Receive
User protection	By password / SIM card/ TBOX
Error Correction	Radio Link Protocol
External housing	Aluminium - Anodized
Fixing	Fixing spring
Dimensions	152mm x 85mm x 29mm
Working T°	-20°C...+65°C
Humidity	Humidity : 0 to 95% non-condensed
Weight	600 g



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