Webb

Remote Monitoring Unit

DATA SHEET

Environmental Monitoring

Webb environmental monitoring products permit you to actively monitor the conditions in BTS stations, warehouses, datacenters, colleges /educational institutes, hospitals, offices, restaurants, farmsteads, factories, museums or wherever it is essential to have a climate controlled environment. Upholding a constant & steady environment where equipment or products are housed is critical for operation, protection and usage in various industries. Conditions monitoring consist of temperature, humidity, power spikes and surges, liquid leakage, SNMP traps from other devices along with smoke & airflow.

Webb environmental monitoring equipment allows network machinists to detect conditions from a secure web interface and obtain SNMP, E-mails, and text message or siren/alert warnings when environmental sensors detect a breach in the preset thresholds. These products can also make you cognizant of the potential damages from critical failures. The Web interface can demonstrate live video surveillance and environmental magnitudes,which are logged to track patterns.

T.10.805- Remote Monitoring Unit

Features

- Very dependable & consistent monitoring unit with digital inputs
- Environmental monitoring of any amenities, control of security breaches, temperatures, smoke, water leakages & voltages
- Receive warnings of irregular events via email, SMS / MMS, SNMP traps
- Integrates with network management systems via SNMP v.1 and Encrypted SNMP v.3
- Uses Linux operating system for maximum solidity, reliability and flexibility
- Web GUI for PC, smartphones and tablets with free firmware upgrades and utilities
- Monitor up to 30 different sensors using expansion CAN units
- Compatible with the entire range of multiple third-party sensors
- Embedded web server displays sensor information and live video from connected cameras
- Compatible with all webb sensors

Specifications are subject to change without notice based on technical recommendations and related product enhancements
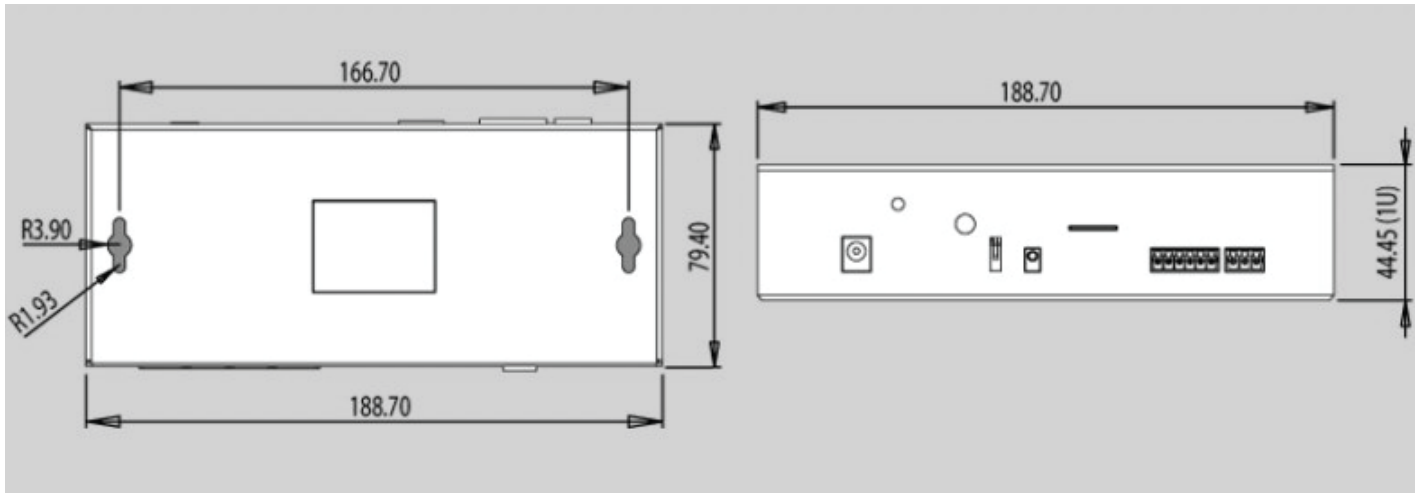
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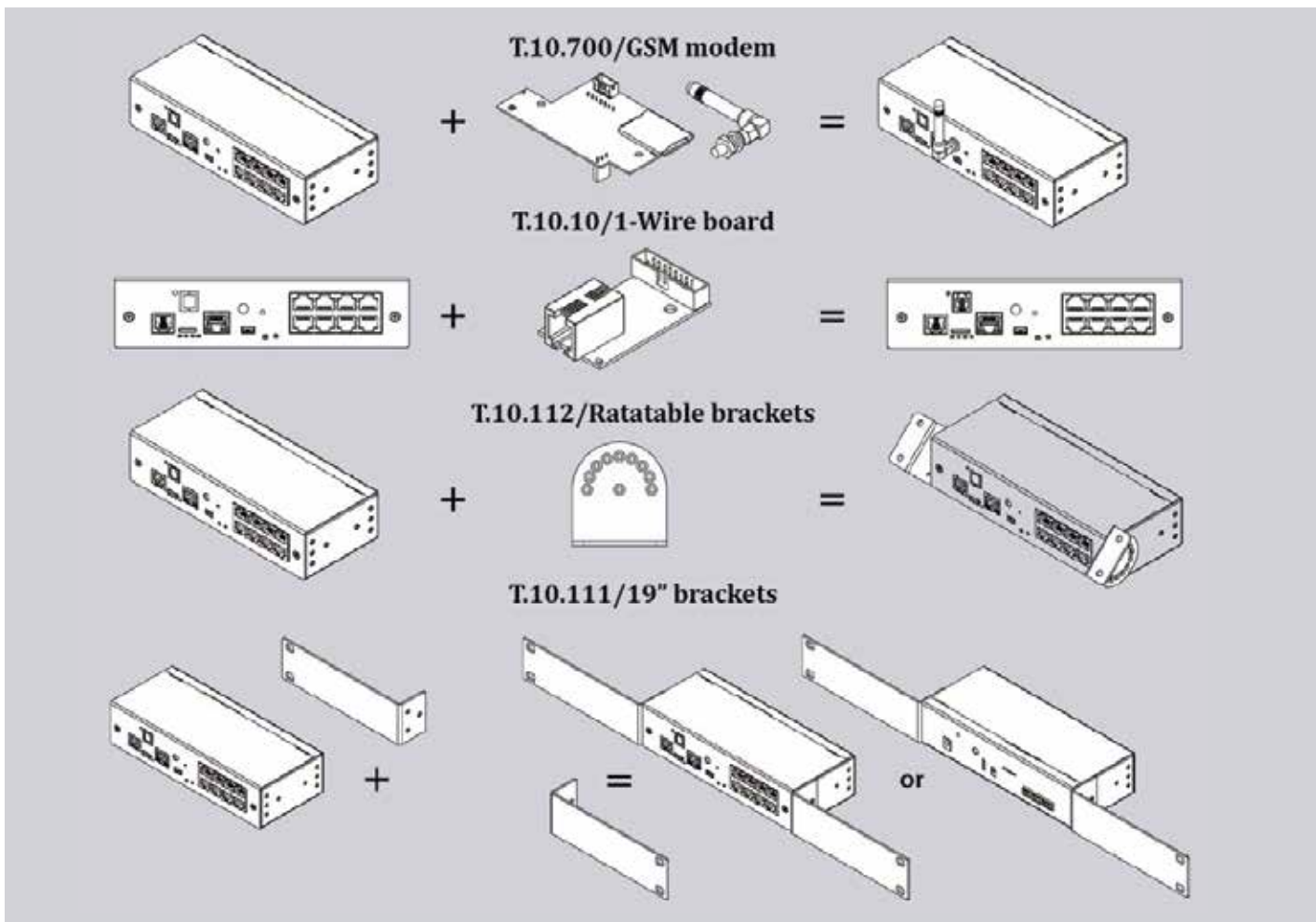
Technical Specifications

Dimensions	Width 188.7 mm, height 44.45 mm (1U), depth 79.4 mm
Weight	1,2 kg
Inputs	CAN bus, audio, HS USB, 8 analog sensors, 4 dry contacts (3P, pitch 3,5mm, type IN)
Operating characteristics	Humidity: minimum. 5% - maximum. 95% (non-condensing), temperature: minimum. -10° C - max.80° C
Power input	12V DC, 1A
Network interface	Ethernet 10/100 Mbit/s, CAN open, CAN bus, 1-wire (with extension)
Outputs	SD card slot, Two 12V 0,25A outputs (pitch 3,81mm, 3P)
Mounting	19" rack mountable, desktop, wall turnable mount (with extension), wall mount
Extension protocols	CAN
Expansions (ordered separately)	T.10.10 / 1-wire board, T.10.700 / GSM modem
Power consumption	10 watt
Status indicators	Error LED, two relay status LEDs, LED indication for power / network connectivity, LED indication for CAN bus connection
Components	Manufactured in E.U
Max. distance	225 m
HS code	8471 50 000
Processor	ARM926-300 MHz / 64 MB / linux-2.6.38
Built-in sensors	Temperature sensor (1%), power supply voltage sensor (1%)
Package inclusions	Adapter 12V, patch cable RJ-45 1m, self-adhesive rubber foot 4 pcs, short description and connection guide, terminal plug 6 pins 3.5 mm 1pcs, terminal plug 3 pins 3.81mm 1pcs, warranty card, 19" mounting brackets 2pcs
Accessories (ordered separately)	Rotatable mounting brackets
Others	Restart button, recovery switch & chassis grounding (M4 thread)

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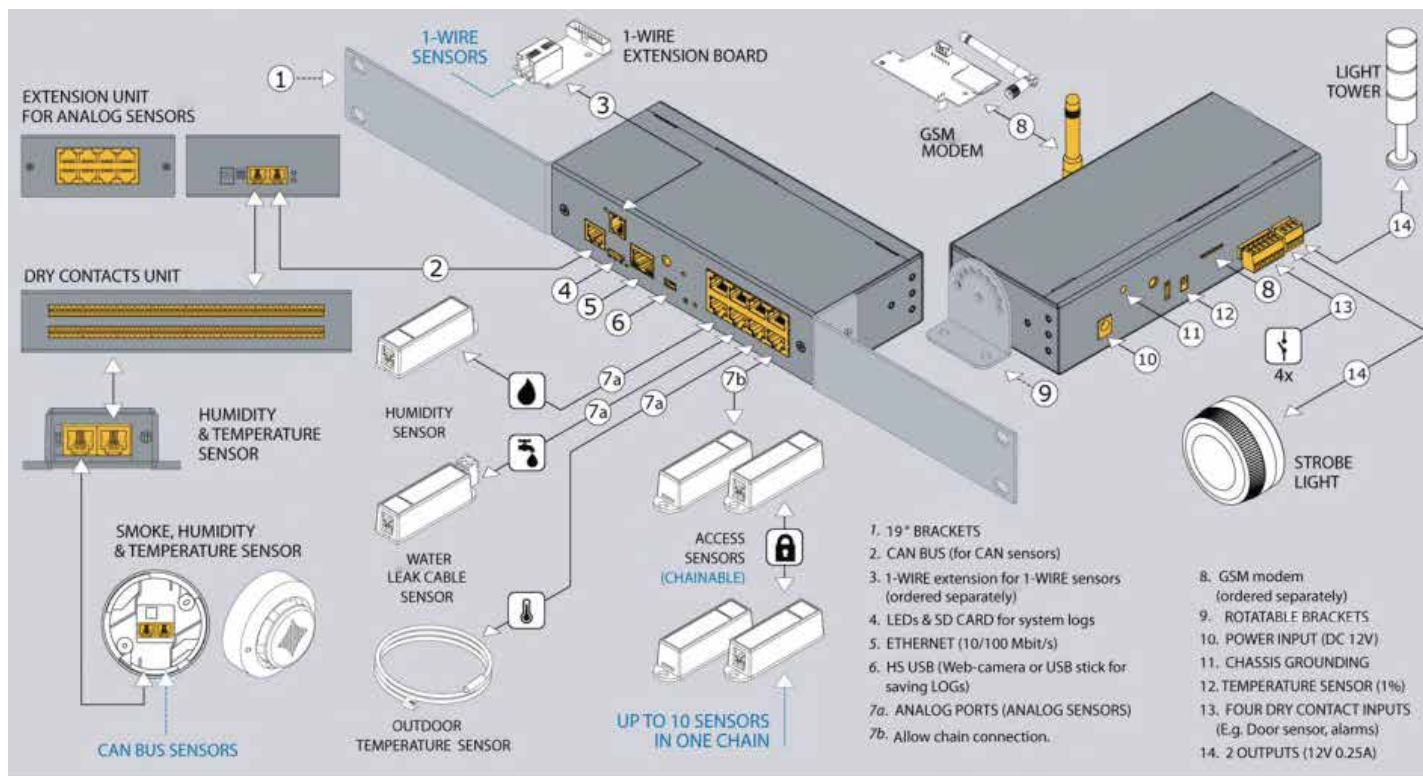✉ info@webbinfra.com
🌐 www.webbinfra.com

Dimensions (T.10.805)

Order Options (Ordered Separately)

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Monitoring System

EXTENSION UNIT FOR ANALOG SENSORS

DRY CONTACTS UNIT

HUMIDITY & TEMPERATURE SENSOR

SMOKE, HUMIDITY & TEMPERATURE SENSOR

CAN BUS SENSORS

1-WIRE SENSORS

1-WIRE EXTENSION BOARD

HUMIDITY SENSOR

WATER LEAK CABLE SENSOR

OUTDOOR TEMPERATURE SENSOR

ACCESS SENSORS (CHAINABLE)

UP TO 10 SENSORS IN ONE CHAIN

GSM MODEM

LIGHT TOWER

STROBE LIGHT

1. 19" BRACKETS
2. CAN BUS (for CAN sensors)
3. 1-WIRE extension for 1-WIRE sensors (ordered separately)
4. LEDs & SD CARD for system logs
5. ETHERNET (10/100 Mbit/s)
6. HS USB (Web-camera or USB stick for saving LOGs)
7a. ANALOG PORTS (ANALOG SENSORS)
7b. Allow chain connection.

8. GSM modem (ordered separately)
9. ROTATABLE BRACKETS
10. POWER INPUT (DC 12V)
11. CHASSIS GROUNDING
12. TEMPERATURE SENSOR (1%)
13. FOUR DRY CONTACT INPUTS (E.g. Door sensor, alarms)
14. 2 OUTPUTS (12V 0.25A)

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