



DC-Monitoring Unit With DC Power Supply



DATA SHEET

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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.10.825 DC- Monitoring Unit With DC Power Supply

Features

- The unit is used for IT environmental control in data-centres, remote facilities, offices, industrial facilities & remote shelters
- The unit utilizes a power supply with two isolated DC +/- 48V inputs. Can use up to 100 different elements such as notifications, triggers, timers, logics, sensors & dry contacts
- Possible extensions are 1-Wire board for reader or board with 8 dry contacts, two relays 10A and power backup input
- 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

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



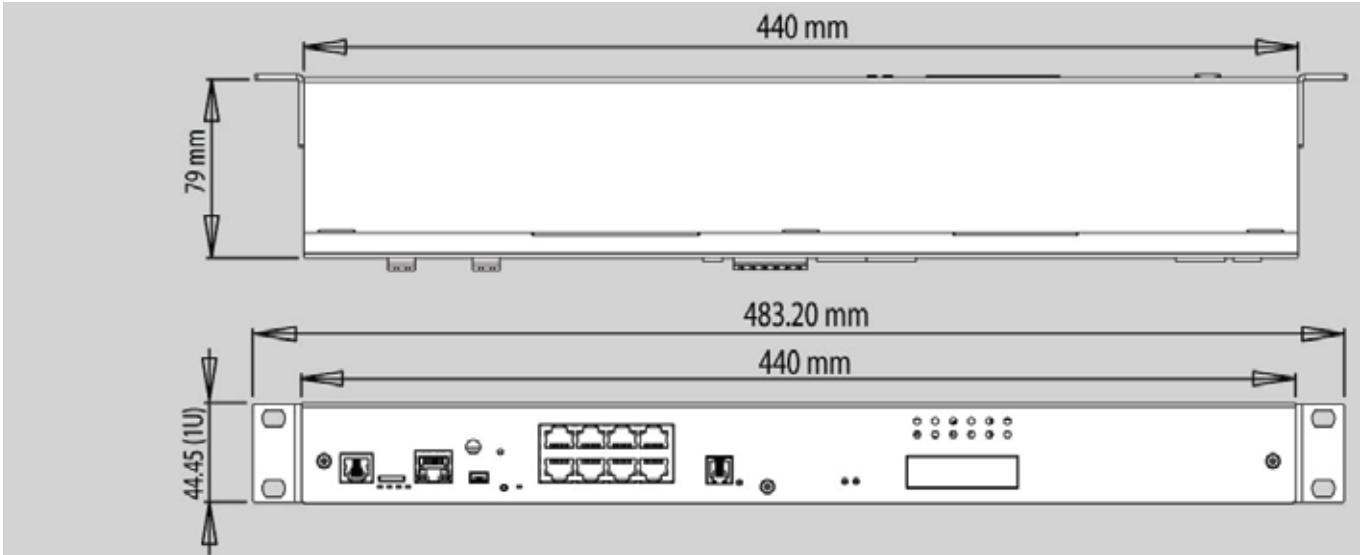
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Technical Specifications

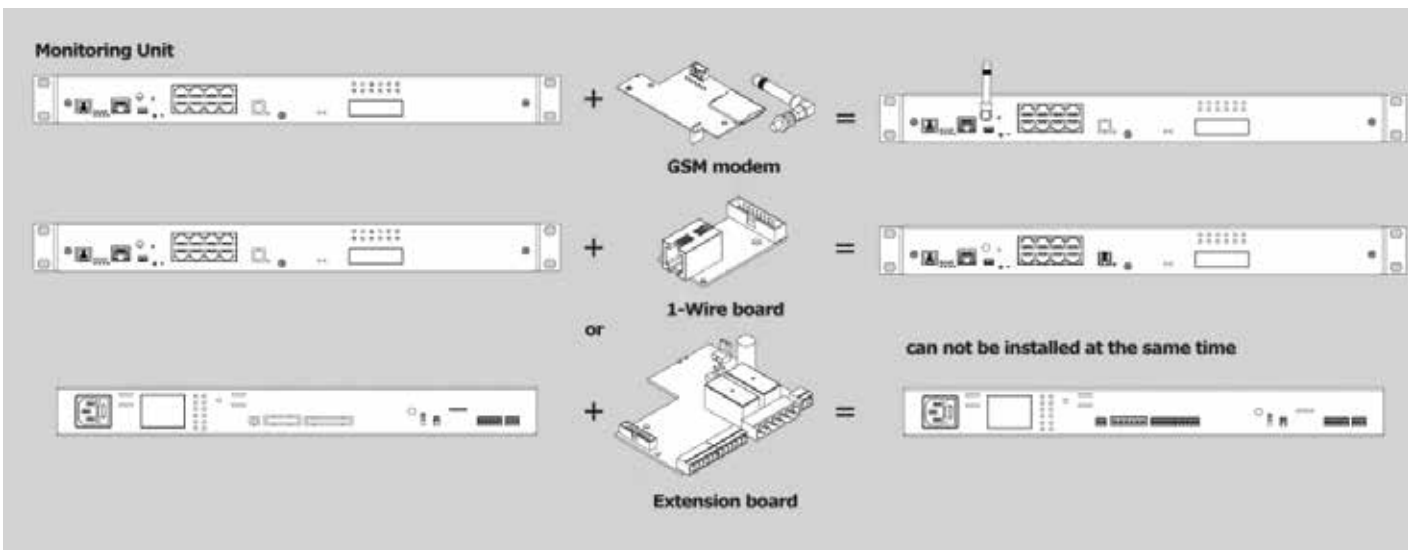
Dimensions	Width 440 x height 44.45 (1U) x depth 79.4 mm
Weight	1,5 kg
Inputs	8 analog sensors, CAN bus, HS USB, 4 dry contacts (3P, pitch 3,5mm, type IN)
Operating characteristics	Humidity: minimum. 5% - maximum. 95% (non-condensing), temperature: minimum. -10° C - max.80° C
Power input	+/- 24 / 48V
Network interface	CAN bus, 1-wire (with extension), ethernet 10/100 Mbit/s
Outputs	SD card slot, USB port for saving logs (USB flash), Two 12V 0,25A outputs (pitch 3,81mm, 3P)
Mounting	Desktop, wall turnable mount (with extension), 19" rack mountable
Extension protocols	1-Wire, CAN
Expansions (ordered separately)	GSM modem, 1-Wire board or Extension board
Power consumption	6-18 watt
Status indicators	Two relay status LEDs, LED indication for power / network connectivity, error LED, LED indication for CAN bus connection, error LED
Components	Manufactured in E.U
Max. distance	300 m
HS code	8471 50 000
Processor	ARM926-300 MHz / 64 MB / linux-2.6.38
Built-in sensors	Power supply voltage sensor (1%), temperature sensor (1%)
Device management	Manually via SMS, SNMP, web browser
Package inclusions	Warranty card, short description and connection guide, terminal plug 6 pins 3.5 mm 1pcs, terminal plug 3 pins 3.81mm 1pcs, self-adhesive rubber foot 4 pcs, patch cable RJ-45 1m, screws 6pcs M3 8mm, 19" mounting brackets 2pcs
Accessories (ordered separately)	Rotatable mounting brackets, Battery holder
Others	Chassis grounding (M4 thread), recovery switch & restart button

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Dimensions (T.10.825)

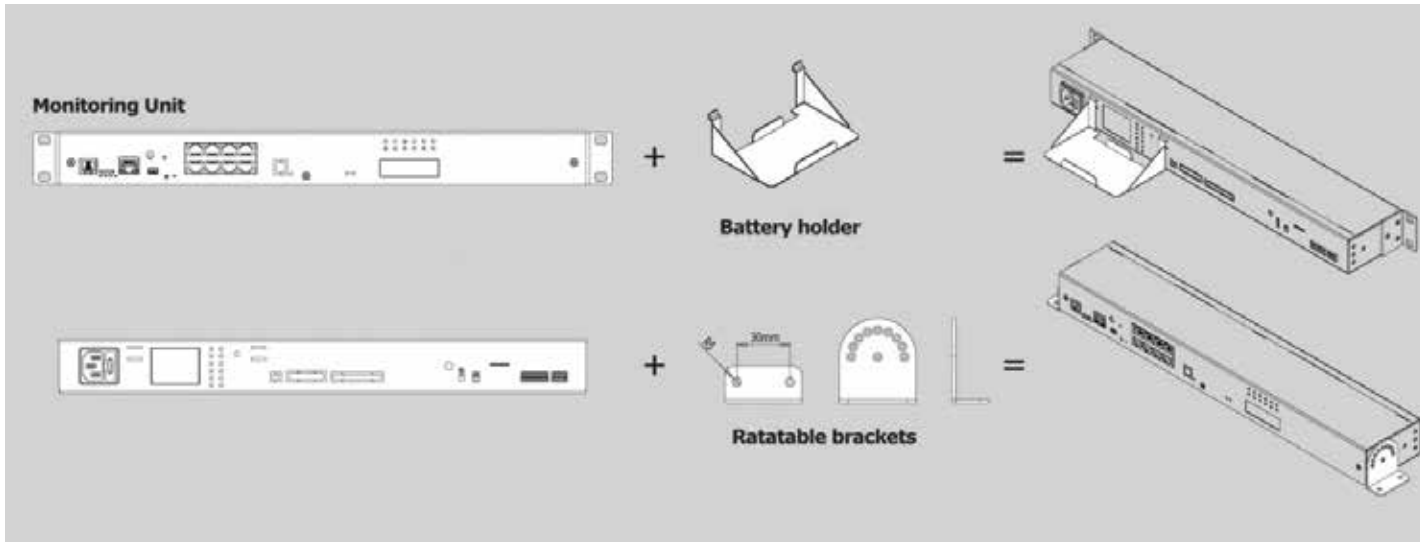


Extensions Order Options (Ordered Separately)

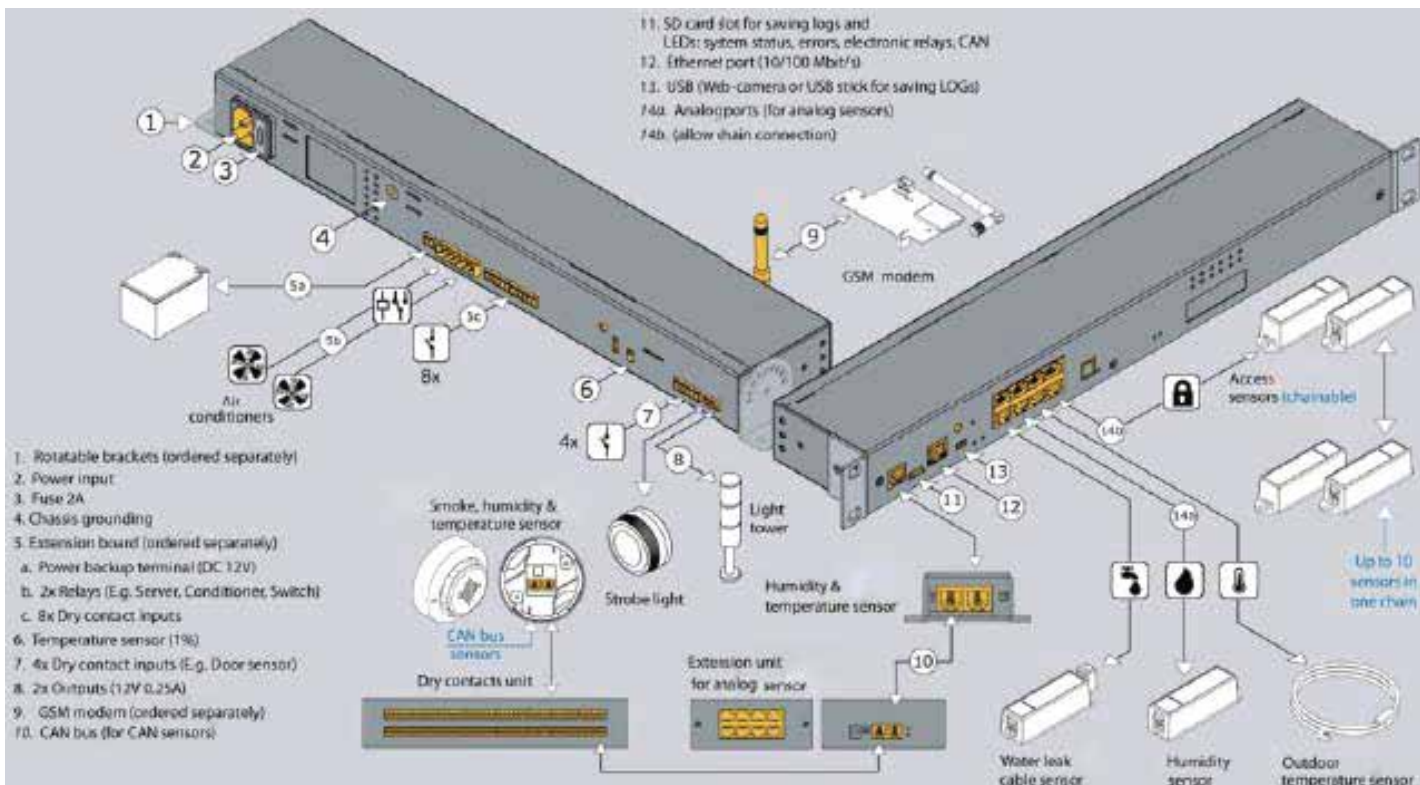


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Monitoring System



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