DATAWATT
AN OVARRO TECHNOLOGY

D26 SERIES
The D26-series are perfect data loggers or substations to control smaller objects.

Designation	Universal multi-purpose remote terminal unit (RTU)
Processor	PIC18LF8723
Clock	20MHz Active mode, 32.768KHz Sleep mode.
Memory	512kB
Communication	4G/3G/2G/GPRS/SMS, FTP, IEC60870-5-101/104, IEC6205621, Modbus RTU, Modbus TCP/IP, Modbus ASCII
Power Supply	DC powered, 10 – 30 VDC
Battery Power Supply	4 x External Lithium Thionyl Chloride (non rechargeable) Batteries . 14,4VDC/13Ah Shelf Life: 10-15 years at +20°C
Inputs/Outputs	2 x 4-20 mA Analogue (+/- 0.1% of full range, +/- 0.025% (12 bit) 4x Digital input / 2x Digital output / 1x Serial port / 1x Ethernet
Connectors	1x Power supply 2x Analog input 4..20mA / 4x Digital input/ 2x Digital output / 1x Serial port: RS232, RS485 or TTL input / 1x Ethernet (10/100) (Extend with 8x Digital input) 2x Antenna SMA female
Operating System	Designed by Datawatt
Programming	C language
Languages	Dutch / English
Alarm Handling	Yes, multi-thresholds and guards
Data Logging	Yes
SCADA Compatible	List available on request
Remote Upload	Yes, configuration and firmware
Protocol Support	Serial port: Read out IED: IEC60870-5-101, Modbus RTU, IEC62056-21 (other protocols on request) Ethernet port: Configuration protocol: DNAP / Protocols: RTU IEC60870-104 / Modbus TCP/IP / FTP Configuration protocol: SDLP-24
Security	Access Control List
Size	210 x 110 x 45 mm
Mounting	Wall and DIN rail EN50022 (DIN35) / other housings on request
Temperature	-20°C to +65°C
Material	PC/ABS
Approvals	FCC/IC, PTCRB/GCF, RCM, R&TTE/GCF

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