



LogSys Data Logger



EML-LogSys is smart datalogger system can compatible to read sensor digital rs-232, rs-485, SDI12, Analogue Sensor, Pulse Sensor. The datalogger can use to weather monitoring, water level monitoring, rain monitoring, and other monitoring system.

Fitur Firmware Datalogger :

- Input Processing-configurable processing with any sensor
- Calibration Configuration System
- Remote datalogger with SMS system, HTTP gateway, MQTT system*
- Autoreset Modem GSM
- Easy configuration datalogger with XML system





Technical Specification	
Processor	8 bit microprocessor, Clock Speed 32 MHz
RAM	3 MB
External Memory	Micro SD Card up to 16 GB
PC Connection	Micro USB, Serial RS232, LAN*
Communication Data	Internal GSM Modem, RS485*, radio Wi-Fi Zeeg be*
ADC	16 Bit ADC Resolution
Power Supply	7 – 14 VDC
Internal Charger*	Optional automatic charging system
Power Consumption	20 mA 60 mA With LCD Display
Input Channel : Analog	Single ended common reference 2-wire 10 analog input 5 input to wire floating or differential* 5 input 3-4 wire differential or floating*
Digital Data Input	2 input RS232 baud rate 1200-115200 bps 1 input RS485, 1 input SDI12
Digital Pulse	2 input pulse, 4 input frekwensi max 10 KHz
Digital Output	3.3 V @1mA
Programable function	Configuration statistic and mathematic
Analog filter	Yes (Remove high frekuensi noise and ADC conversion system)
Virtual Channel	Up to 60 channel aquition and calculation function
Internal Modem	GSM-GPRS, 2G, HSDPA, 3G Quad Band 900/1800/850/1900 MHZ R&TTE, GCF, FCC, PTCRB, RTE, AT&T
Telemetry System	FTP, HTTP-Get, HTTP-Pos, TCPIP, MQTT,SMS
Remote System	SMS request Data SMS datalogger setting SMS reset datalogger SMS configuration datalogger (internet,sensor,calibration)
GPS System	Internal Standalone GPS receiver
Clock System	RTC system >±1 min/years Sync NTP server
Protection	ESD protection ±8kV contact discharge IEC 1000-4-2
Operaring System	Real Time Multitasking OS
Internal Temperature	YES
Operating Temperature	-20 ⁰ C – 70 ⁰ C
Operating Humidity	0 – 100 %

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