

# Datasheet ADL-MXSpro

Article number: MXS-PRO-ETH | MXS-PRO-LTE  
 Article description: ADL-MXSpro - Data logger

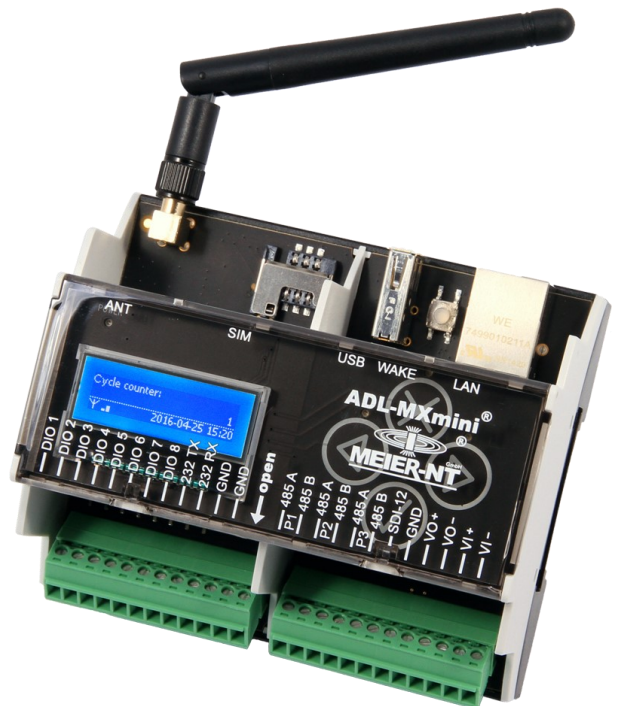
## Interfaces

- 3x RS485- Interface (300 – 115200 baud)
- 1x SDI-12
- 1x RS232 V.24 (RXD/TXD/GND)
- 8x digital In-/Output (State- or 32bit-counter input, Output)
- 1x Ethernet (10/100MBit)
- 1x USB- Host (High-Speed USB 2.0)
- GSM module integrated (Quad-Band, optional LTE)
- Extensions: CAN-Bus- Module, Analog-Input-Module

## Protocols

- ABB
- Modbus RTU (ABB, M&T, Kipp&Zonen, ...)
- Sungrow
- SunSpec
- further protocols on request

See actual list under [www.solardatenlogger.de](http://www.solardatenlogger.de)



## Specifications

Display:	GLCD 128 x 32 Pixel
Memory:	internal memory card µSD (standard 1GB)
Measure- / Save interval:	1 second - 24 hours
Supply voltage:	10 - 36VDC
Power consumption:	
- Power save:	0,10W (12V, 8,3mA typ.)
- Sample rate 5 min:	0,11W (12V, 9,3mA typ.)
- Sample rate 1 min:	0,16W (12V, 13,3mA typ.)
- Sample rate 10 s:	0,76W (12V, 64mA typ.)
- Maximum:	1,80W (12V, 150mA typ.)
Digital Inputs / Outputs:	
- Inputs:	max. 30VDC, 1[High]:>4VDC, 0[Low]: <1.6VDC, max. frequency 2kHz
- Outputs:	max. 30VDC, max. 100mA, Open-Drain (high side, +VCC)
Operating temperature range:	-20 to +70°C
Operating humidity range:	0 to 70 % rH (not-condensing)
Housing material:	plastics, DIN EN-rail mounting
Protection class:	IP 20 according to DIN 40 050-9/5.93
Weight:	250 g (without antenna)
Dimensions (L/W/H):	107 x 90 x 60 mm