Meteo-42A Solar Data Logger

Ammonit's Meteo-42A Data Logger offers a powerful solution for your measurement needs.

Meteo-42A is compliant with **IEC 61724-1:2021**. It features a user-friendly configuration via a multilingual web interface.

Versatile Connectivity: Meteo-42A offers a robust and secure IT architecture with multiple inputs and outputs for diverse measuring purposes.

Enhanced Sensor Integration: Meteo-42A includes a sensor library and channel overview for simplified management, and up to three RS-485 client interfaces for expanded smart sensor compatibility, supporting various protocols and baud rates.

Powerful Processing & Data Handling: A new processor with up to 8 GB memory enables high-frequency data saving and sending (1-minute data), and it features an easily configurable SCADA interface.

		Meteo-42 A
INPUT CHANNELS	Pulse Counters	2
	Digital Serial (Status)	4
	Analog Voltage	14 ± 0.1 V, ± 1 V, ± 10 V, 16 bit
	RS-485	1 RS-485 Client Interface
OUTPUT CHANNELS	RS-485 (S)	(1) RS-485 Server
	5 V | Switches	4
	Current Source	1
	Reference Voltage Source	1

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CONNECTIVITY	USB	(2) USB-A host (USB 2.0 High Speed) (1) USB-B device (USB 2.0 High Speed)
	Ethernet	(1) Ethernet
	Data transfer	Email, FTP, SCP, SFTP, FTPS, data copy on USB flash drive, SCADA, API
	Data cloud	AmmonitOR Data Cloud
	Remote access to Data Logger	Ammonit Connect
	Live data	XMPP messages (1 sec)
	Sampling interval	1 Hz (IEC 61724-1 compliant)
	Averaging interval	Selectable 1-minute (IEC 61724-1:2021 compliant), 5-minute, or 10-minute
STORAGE SIZE	Source Data (1-sec data)	8 GB
	CSV Data (10-min data)	0,5 GB
Display & Keys		(20 x 4) LC display with backlight, five keys
Power Supply		9 ... 36 V DC
Operat. temperature		-40 ... +65 °C
Protection (Housing)		IP65
Housing Dimensions		260 x 194 x 67 mm
Weight		1110 g
Accessories		External modules, plug connector, mounting kit, steel cabinet

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