Sefram DAS30, DAS50, DAS60 portable data recorder

Isolated 2- to 6-channel portable recorders, 10-inch touchscreen
1 MS/s, 14 bits, CAT III 600 V



KEY FEATURES

- From 2 to 6 isolated lanes
- Universal entries
- Registration and operation

Description

The Sefram DAS30, DAS50 and DAS60 are portable recorders with isolated channels designed for industrial and electrical measurements up to 1000 V. They combine the speed of an oscilloscope (1 MS/s) with the durability of a recorder, on a large 10-inch touchscreen display.

From 2 to 6 isolated lanes

The DAS30 has 2 channels, the DAS50 has 4 channels, and the DAS60 has 6 channels plus 2 Pt100/Pt1000 inputs. Each channel is isolated, which allows for the simultaneous measurement of different potentials safely, in CAT III 600 V.

Universal entries

Voltage from 1 mV to 1000 V DC, thermocouples, Pt100/Pt1000, frequency, counting and current with optional shunt. Sixteen logic inputs complete the analysis.

Registration and operation

The measurements are stored on 32 GB (64 GB on the DAS60) or on a USB key, then processed on a PC using the supplied Sefram software. The Li-ion battery offers up to 9 hours of runtime, and a thermal printer is available as an option.

Typical applications

- Network and electrical installation analysis
- Development and troubleshooting of machines
- Endurance and qualification tests
- Measures on vehicles, railways and energy

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Technical specifications

Roads	DAS30: 2, DAS50: 4, DAS60: 6 + 2 Pt100/Pt1000
Isolation	Isolated lines, CAT III 600 V (IEC 1010)
Sampling	1 MS/s via the channel
Resolution	14 bits
Bandwidth	100 kHz
Entrées	1 mV to 1000 V DC, thermocouples, Pt100/Pt1000, frequency, counting, current (shunt)
Logical entries	16
Screen	Tactile 10, 1024 x 600
Memory	32 GB (64 GB on DAS60), USB key
Interfaces	2 x USB, Ethernet
Battery	Li-ion, up to 9:30

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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