

DL950/N04 ScopeCorder 4 slots limited edition

DL950/N04: Model Limited to 4 input modules

Note : 8 slots available in the DL950 standard edition

DL950 Main Specifications

- A unique combination of a mixed signal oscilloscope and portable data acquisition recorder
- A variety of plug-in modules to measure signals such as voltage, temperature, acceleration, strain, and CAN bus data
- 200 MS/s High-Speed Sample Rate

Slot and Module Usage (/N04 option)

4 input modules can be installed in any slots.

Example 1:

Slot 1 to 4 – Voltage input module

Example 2:

Slot 1, 2 – Voltage input module, Slot 7, 8 CAN FD/LIN Monitor Module

Note : If more than five input modules are installed, the device doesn't operate (when powered on, a beep sounds and an error message is displayed on the screen.)

Appearance

The label is affixed to the front panel.

DL950 Lite



Specification

Signal Input Section	
Type	Plug-in input unit
Number of slots	
4	
Maximum number of input channels	
16 channels (when 4-CH modules are used in all slots) 64 channels (when 16-CH temperature/voltage modules are used in all slots)	
Memory size	
Standard: 1 Gpoint (up to 500 Mpoints per channel) /M1 option: 4 Gpoints (up to 2 Gpoints per channel) /M2 option: 8 Gpoints (up to 4 Gpoints per channel)	
General Specifications	
Standard operating conditions	
Ambient temperature: $23 \pm 5^{\circ}\text{C}$ Ambient humidity: 20 to 80%RH Supply voltage and frequency errors Within $\pm 1\%$ of rating After a 30-minute warm-up and after calibration	
Recommended calibration period	
1 year	
Warm-up time	
At least 30 minutes	
Operating environment	
Temperature: 5°C to 40°C Humidity: 20 to 85%RH (no condensation) Altitude: 2000 m or less	
Storage environment	
Temperature: -20°C to 60°C Humidity: 20 to 85%RH (no condensation)	
Power supply	
Rated supply voltage: 100 to 120 VAC, 220 to 240 VAC (auto switching) Permitted supply voltage range: 90 to 132 VAC, 198 to 264 VAC Rated supply frequency range: 48 Hz to 63 Hz Maximum power consumption: 280 VA	
Withstand voltage	
1500 VAC for 1 minute between the power supply and case	
Insulation resistance	
10 M Ω or higher at 500 VDC between the power supply and case	
Installation orientation	
Vertical, horizontal, tilted	
External dimensions	
Approx. 375 mm (W) $\times$ 259 mm (H) $\times$ 202 mm (D), excluding the handle and protrusions	
Weight	
Approx. 7.5 kg (main unit only, no options)	

Model and suffix code

Model	Suffix codes	Description
DL950		ScopeCorder, 1 G Points memory* ¹
Power cord	-D	UL/CSA standard and PSE compliant
	-F	VDE/Korean standard
	-R	Australian standard
	-Q	British standard
	-H	Chinese standard
	-N	Brazilian standard
	-T	Taiwanese standard
	-B	Indian standard
	-U	IEC Plug Type B
Language	-HJ	Japanese menu and panel
	-HE	English menu and panel
	-HC	Chinese menu and panel
	-HK	Korean menu and panel
	-HG	German menu and panel
	-HF	French menu and panel
	-HL	Italian menu and panel
	-HS	Spanish menu and panel
Option	-HR	Russian menu and panel
	/N04	4 slots limited edition
Other Options		
	/M1* ²	Memory expansion to 4 GPoints* ⁷
	/M2* ²	Memory expansion to 8 GPoints* ⁸
	/ST1* ³	Internal storage (512 GB)
	/ST2* ³	Internal storage (512 GB) + Flash Acquisition function
	/C35	IRIG and GPS interface
	/C40	IEEE1588 Master function
	/C50	Multi-unit synchronization interface
	/C60	10 Gbps Ethernet interface
	/G02	User-defined math function
	/G03* ⁴	Real time math function
	/G05* ⁴	Power math function (including Real time math function)
	/MT1* ⁴	Motor dq analysis function (including Power math function)
	/P4* ⁵	Four probe power outputs
	/P8* ⁵	Eight probe power outputs
	/VCE	Vehicle edition

Standard Main Unit Accessories

Power cord, front cover, panel sheet, 8 slot cover panels, soft case, user's manuals*⁶

*1: The main unit requires plug-in module (s). Max. 500 M Points/CH. Includes one license of IS8002. *2,*3,*4,*5: Only one of these can be selected. *6: The Start Guide is provided as a printed document. *7: Max. 2 G Points/CH *8: Max. 4 G Points/CH

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YMI-N-MI-M-E03

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