

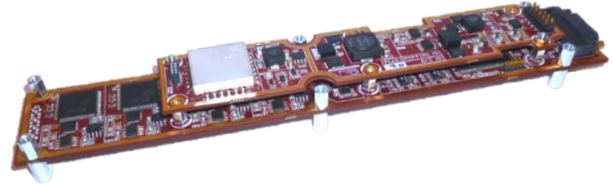
NAR DATA SERIES

OIL&GAS

CUSTOM OPTIONS

OVERVIEW

The NDAQ provides logging features. It is a data acquisition board with a large amount of non-volatile memory.



FEATURES

- 🔧 Supply Voltage: +10 VDC/+24 VDC
- 🔧 Consumption: Low Power 3W typical
- 🔧 Control: DSP & FPGAs
- 🔧 Operating ambient temperature: -40 °C (-49 °F) /+175 °C (347 °F)
- 🔧 Vibration: 20 Grms
- 🔧 Spare bus: SPI & RS485 HW ready

DIMENSIONS

Units	LxWxH
mm	240 x 38 x 25
inches	9,44 x 1,49 x 0,98

VERSION

	Channels	Storage
NDAQ-38	4 fast, 4 slow	5 Gbits

CAN BUS

- 🔧 Protocol: CANopen protocol
- 🔧 CAN baud rate: 1 Mbit/s
- 🔧 CAN bootloader available for firmware update

DATA ACQUISITION

- 🔧 4 fast channels
 - 8 bits
 - 10 Msps max
 - 4 Gb of Flash memory
- 🔧 4 Slow channels
 - 10 bits
 - 1 ksps max
 - 1 Gb of Flash memory
- 🔧 Advanced trigger features

CUSTOMIZATION OPTIONS

- 🔧 Other form factor on demand
- 🔧 Custom data resolution
- 🔧 Custom RAM/FLASH memory size
- 🔧 Post-processing on recorded data

BLOCK DIAGRAM

