

DATA SHEET

SMM 128 (Code 3660)

SMM 256 (Code 3661)

Memory modules for DATaRec 4 systems with capacities of 128 GB or 256 GB



Overview

With the memory modules SMM128 and SMM256, in combination with the link module LMF2 record+lemo, DATaRec 4 systems can be used in stand-alone mode without a computer. The measurement data are recorded by LMF2 record+lemo and transferred directly to the SMM modules via FireWire® (LEMO), where they are saved.

The saved data can be read from a computer using the Frontend Reader from HEAD acoustics, after which they can be further processed with ArtemiS, for example.

For fast data transmission to the computer, the flash-based memory modules are equipped with USB 2.0 and FireWire® interfaces.

Features

- Memory modules with capacities of 128 GB or 256 GB
- Stand-alone operation of DATaRec 4 systems without a computer
- Direct connection to the link module LMF2 record+lemo via FireWire® (LEMO connector)
- USB 2.0 and FireWire® interfaces for fast data transmission to the computer
- Power supply e.g. via the link module LMF2 record+lemo

Accessories (optional)

- DSM (Code 3690)
- DATaRec 4 Seat Mount
- Seat Mount for DATaRec 4 systems

Scope of Supply

- SMM 128 (Code 3660)
Memory module with capacity of 128 GB
- or
- SMM 256 (Code 3661)
Memory module with capacity of 256 GB



LEMO
Interface to LMF2 record+lemo (FireWire®)

Power supply
5 V DC

FireWire®

USB 2.0

Software (required)

- HEAD Recorder (Code 4630)
Programmable recorder software
- Frontend Reader

Software (optional)

- ArtemiS (Code 4600)
Analysis software

Technical Data SMM

Capacity

SMM 128: 128 Gbytes

SMM 256: 256 Gbytes

Maximum bit rate: 160 Mbit/s

Bit error rate: Better than 10^{-14}

Download interface: IEEE 1394b (FireWire®)
USB 2.0

Link module interface: IEEE 1394b (FireWire®)

Dimensions: 48.1 x 184 x 124.5 mm (1.9" x 7.2" x 4.9")

Weight: 1.100 g (2.4 lb), typ.

Power consumption: 10 W, max

Power source

Operational: Via Link module interface

Download: Via separate power plug, 5 V

Connector

Link module interface: LEMO, 16-pin.

Ex. power plug: 2.5 mm power jack

Vibration: 5 g (0.011 lb)

Shock: 10 g (0.022 lb)

Temperature operational: -5° C to +55° C (23° F to 131° F)

Storage temperature: -40° C to +85° C (-40° F to 185° F)

Humidity: 0 – 93 % relative, not condensing