Apollosense®

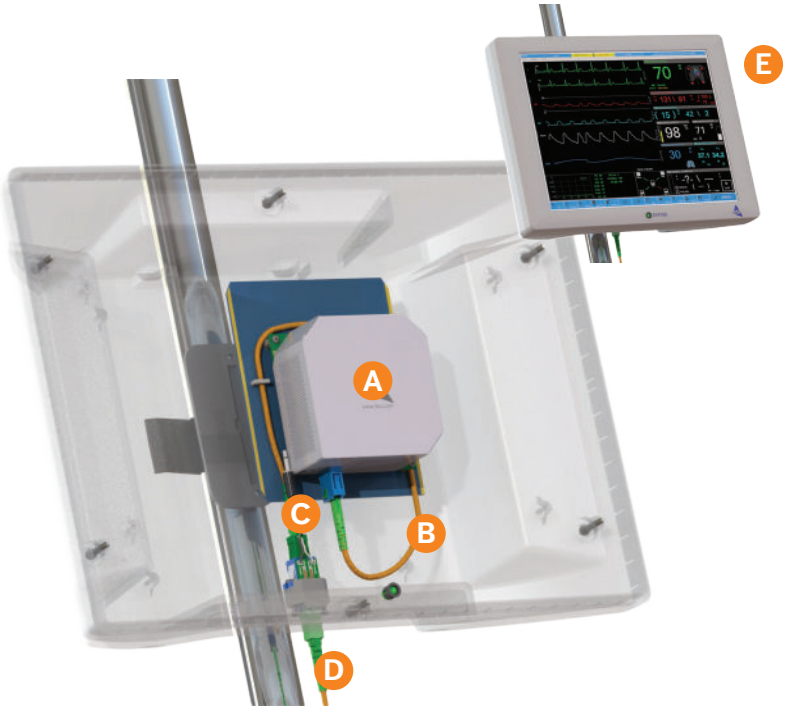
Reading module

The Original Equipment Manufacturer (OEM) module is an optoelectronic reading unit with set-up, control, and data acquisition enabled through an electrical interface. Design for embedding in hospital consoles, the module possesses robust communication capabilities, fast sampling rates, and is RoHS compliant.

Resonetics provides documentation related to detailed electrical, mechanical, and communication protocol requirements to interface with the module.

Key Features:

- Low heat emitted from LED light source
- LED technology with a lifetime greater than 20,000 hours
- Atmospheric self-compensation available
- Full bandwidth via analog output connectors
- Up to 3 channels



Key Parts of a Console[1]:

A. OEM reading module

B. Internal Optical Extension

C. Bulkhead Optical Adapters and Internal Electrical Extension

D. Optical and Electrical External Extension Cable (optional)

E. Customer's Console

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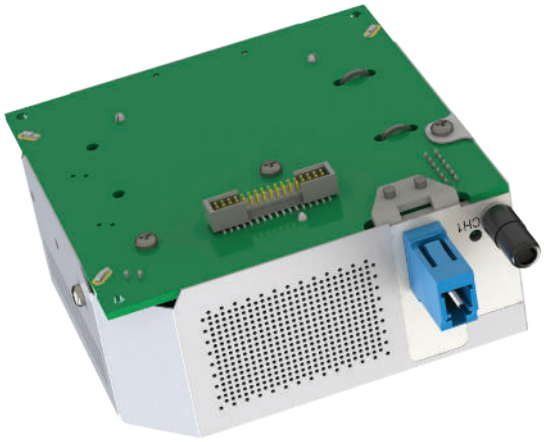
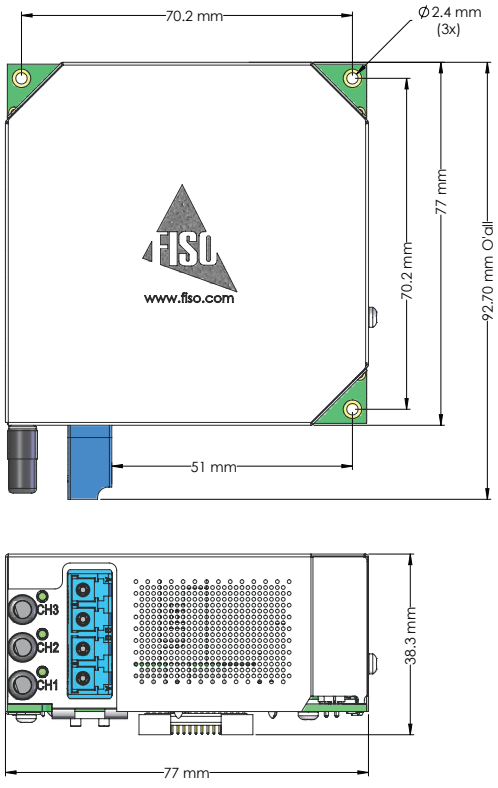
SKR-OEM

One, two, and three channels OEM modules pictures sequentially



OEM module underside showing the 34-pin connector



OEM module dimensions

Specifications

Number of channels item's part number	SKR-OEM-001 SKR-OEM-002 SKR-OEM-003
Power Consumption	1.8W (typical) 2.2W (max)
Operating Condition	Temperature: 10-55C
Dimensions	W: 77mm H: 38.3mm L:77/92.7mm

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