Summary

The 90499 module housing expands the capabilities of Spacelabs Healthcare monitors by enabling the support of two additional modules. Modules may be inserted into or removed from the module housing unit without disconnecting the power. A variety of flexible mounting and cabling options are available.

Features

Module Housing	Accommodates two single-high modules or one double-high printer module; supplies battery-backed power to the modules
DC Power Supply (sold separately)	One DC power supply provides power for one 90499 module housing and up to three Flexport® system interfaces
Mounting Options	The module housing and power supply may be used with wall mounts that support Spacelabs Healthcare monitors, or can be used with their own base for tabletop placement. Wall mounts include mounting hardware for single-width modules.
Output Connections	SDLC/power output, high level analog output
Input Connections	SDLC/external power input connector
Interconnect Cables	When connecting a 90499 module housing to another 90499 module housing, use a 45.7 cm (18-inch) cable (P/N 012-0601-01). When connecting module housing to a monitor using an external power supply, refer to the following table for cables and part numbers for specific monitors.

Model	Power Supply	45.7 cm (18-inch) SDLC Cable	61 cm (2-foot) SDLC Cable	91.44 cm (3-foot) SDLC Cable	1.219 m (4-foot) SDLC Cable
91393	119-0251-05	N/A	N/A	N/A	012-0391-04
	N/A	012-0601-01	N/A	012-0601-03	N/A
91390	119-0251-05	N/A	012-0532-02	N/A	012-0532-04

Model	Power Supply	1.524 m (5-foot) SDLC Cable	2.438 m (8-foot) SDLC Cable	3.048 m (10-foot) SDLC Cable
91393	119-0251-05	N/A	N/A	012-0391-10
	N/A	012-0601-05	N/A	N/A
91390	119-0251-05	N/A	012-0532-08	012-0532-10

Note:

All 012-0391-xx and 012-0532-xx cables do not pass power and require a power supply when used on the 90499. All 012-0601-xx cables pass power from the monitor. A power supply is not required to power the 90499 module housing when using these cables.

Product Specifications

Physical Dimensions

Height	10.5 inches (26.7 cm)
Width	3 inches (7.6 cm)
Depth	9.5 inches (24.1 cm)
Weight	4 pounds (1.8 kg)

Electrical Specifications

Power Supply

Power source	External AC power supply, P/N 119-0251-05
AC input	100 to 240 VAC, 50 to 60 Hz, 3 to 1.5 A
Safety classification	60601-1: Class I, chassis connected to protective earth (hospital grade safety ground)
Mode of operation	Continuous
Battery	12 V, 0.65 AHr NiMH battery; requires 6 hours to fully charge with power supply active

Environmental Requirements

Storage

Temperature	-40° to 167° F (-40° to 75° C)
Humidity	95% at 32° C (non-condensing)
Altitude	0 to 12,192 meters (0 to 40,000 feet)

Operating

Temperature	50° to 104° F (10° to 40° C)
Humidity	95% RH at 30° C (75% RH at 40° C)
Altitude	0 to 3,000 meters (0 to 9,843 feet)

Documentation

CD-ROM Part Numbers	Bedside, Central, and Telemetry Systems Operations Documents CD-ROM (P/N 084-1101-xx)
	Spacelabs Healthcare Service Documents CD-ROM (P/N 084-0700-xx)
Supplies and Accessories	*Spacelabs Healthcare Supplies & Accessories Catalog* (sa.spacelabshealthcare.com)

Regulatory Approvals

CSA certified. Meets IEC 60601-1, CAN/CSA C22.2 No. 60601-1, and ANSI/AAMI ES60601-1 for electrical safety.

CE marked in accordance with the Medical Device Directive 93/42/EEC. Meets EN 60601-01.

R⁄HS2
2011/65/EU

Does not contain hazardous substances - Europe

Does not contain hazardous substances - China

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