



Qube Mini shown with 91496-B Command Module and 92516 Capnography Module (both sold separately)

Spacelabs 91389 Qube[®] Mini patient monitor is lightweight and ruggedized to withstand accidental drops, meeting the needs of busy transport and mid-acuity environments. The integrated intravenous (IV) pole mount and 8-inch touchscreen display with alarm light delivers vital information where you need it to be, at the bedside or on the go. Compatibility with the Spacelabs Command Modules, Spacelabs Capnography Pod, and Exergen Temporal Artery Thermometer provides a versatile solution for varied patient acuity levels.

Qube Mini stores up to 96 hours of trends, and features remote viewing, Alarm Watch, and three user-selectable screen formats harmonized with Xprezzon[®] and Qube to facilitate learning and navigation. With wireless networking and an integrated battery, Qube Mini supports transport up to five hours. When deployed with the Spacelabs Xhibit[®] Central Station and Intesys[®] Clinical Suite, Qube Mini offers enterprise connectivity to your hospital EMR, ECG management systems, paging systems, and remote access solutions.

Physical Specifications

Dimensions (H x W x D)	20 x 26 x 19 cm (7.9 x 10.2 x 7.5 in)
Weight	2.9 kg (6.4 lbs), excluding module and Capnography Pod
Display type	Resistive TFT LCD
Display size	20.3 cm (8.0 in) diagonal
Display resolution	1024 x 768 pixels
Number of waveforms	Choice of 4 or 6
Screen layouts	Selectable, 3
Controls	Power On/Off (side of unit) Touchscreen user interface IV pole clamp control

Indicators

Alarms	Audible tones, visual on display, integrated alarm light
Alarm levels	High, Medium, Low
Power	AC power and battery charge status indicators

Connections

Measurement connections	Slot for Spacelabs 91496 Command Modules 92516 Capnography Pod interface
USB ports	USB port for optional 91449 printer, bar code reader, Exergen Temporal Artery Thermometer (P/N 010-2157-00), mouse (P/N 010-1622-00), or language-specific keyboard
Network	LAN: Ethernet 10/100 Base T port WLAN: 802.11 a/b/g (optional)
Serial port	RS-232 (UART) connector for Patient Data Logger or troubleshooting
Mounting interface	Integrated quick-connect clamp mounts onto an intravenous (IV) pole 18 to 26 mm in diameter. GCX compatible; contact Spacelabs Healthcare for mounting options.

Recorder

Type	USB connection to 91449 thermal array recorder/printer
Wave traces	2-channel
Paper width	50 mm (2 in)

Electrical Specifications

Power Supply

Power source	Internal battery or external AC power supply, P/N 119-0480-02
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

Type	Rechargeable lithium-ion smart battery, P/N 146-0145-04
Number of batteries	1
Voltage	14.4 V
Battery operation	Approximately 5 hours
Battery recharge time	Approximately 3.5 hours from depletion to 90% charge in normal use
Battery life	300 cycles

Environmental Requirements

Ambient temperature	Operating: 0° to 40° C (32° to 104° F) Storage and Transport: -25° to 60°C (-13° to 140° F)
Relative humidity	Operating, storage, transport: 95% non-condensing
Altitude	Operating: 0 to 3,000 meters (0 to 9,843 feet) Storage and transport: 0 to 12,192 meters (0 to 40,000 feet)
Water ingress	Meets EN 60529 IPX1
Drop test	Operational after 1 meter drop

Ordering Information

Software options	4-waveform display (04) 6-waveform display (06) Data Shuttle (Q) Patient Data Logger (R) Full 12-lead view (V) Full bed review (W)
Hardware options	Wireless 802.11 a/b/g (X or P) Exergen Temporal Artery Thermometer (P/N 010-2157-00) 91449 thermal array recorder/printer

For further ordering information and details on compatible accessories, please contact your Spacelabs Healthcare representative or refer to the product documentation.

This product may not be approved for market release in all countries.

Documentation

All operations, system administration, and service manuals are available in PDF format on CD-ROMs that ship with the product.

Regulatory Approvals



CSA certified. Meets CSA C22.2 No. 60601-1, ANSI/AAMI ES60601-1, and IEC 60601-1 for basic safety and essential performance.



CE marked in accordance with the Medical Device Directive 93/42/EEC.



Does not contain hazardous substances — Europe



Does not contain hazardous substances — China

The wireless option X 802.11a/b/g radio transceiver of this device complies with part 15 of the FCC Rules, and with RSS-210 of Industry Canada.

The wireless option P 802.11a/b/g radio transceiver of this device complies with part 15 of the FCC Rules, with RSS-247 of Industry Canada, and with the Radio Equipment Directive (2014/53/EU).

Operation of the wireless option is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The radio transceiver may only be used for Wireless Local Area Network (WLAN) operation within a medical facility. It is not intended for home or vehicle use. Changes or modifications not expressly approved by Spacelabs Healthcare will void the user's authorization to operate this equipment.

To comply with the FCC's RF safety Specific Absorption Rate (SAR) requirements, the user must ensure that the monitor which contains the radiating element of the antenna, is located at least 20 cm (8 in) away from a person's head or body.

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