

AVVIGO™ +

Multi-Modality Guidance System



General Specifications

Device Description

The AVVIGO+ Multi-Modality System is used to obtain physiologic and/or intravascular pathology information about a patient's coronary arteries. AVVIGO+ Multi-Modality System may also be used to obtain intravascular pathology information in the peripheral vasculature and/or intracardiac structure. The IVUS modality is intended for intravascular ultrasound examinations in patients who are candidates for transluminal interventional procedures such as angioplasty and atherectomy. Also, IVUS modality is designed provide the visualization intracardiac anatomy and visualization of devices positioned within the heart with precise details in real time. FFR and DFR modalities are indicated to provide blood pressure gradient across coronary lesions of patient that undergo endovascular diagnostic and treatment procedures.

Weight and Dimension

AVVIGO+ Mobile System weight (unpacked and configured)	50 ± 1 kg (110.83 lb)
AVVIGO+ Mobile System dimensions (configured)	174 cm (68.5 in) H x 71.1 cm (28 in) W x 71.1 cm (28 in)
AVVIGO+ Integrated System weight (unpacked and configured)*	37.2 kg (82.0 lb)
AVVIGO+ Integrated System dimensions	25.4 cm (10 in) H x 58.4 cm (23 in) W x 50.8 cm (20 in) D
LCD MONITOR DISPLAY (mobile system only)	21" screen with Full HD 1920 x 1080 resolution (full dimension incl. borders) 550mm W x 360 mm H x 63.66 mm D
TABLET	13.3" LED-backlight screen with capacitive touch and easy (un)lock mechanism (full dimension incl. borders) 337 mm x 232mm
Table Side Control (option, integrated system only)	15" Capacitive Touch Screen, 369 mm x 223 mm

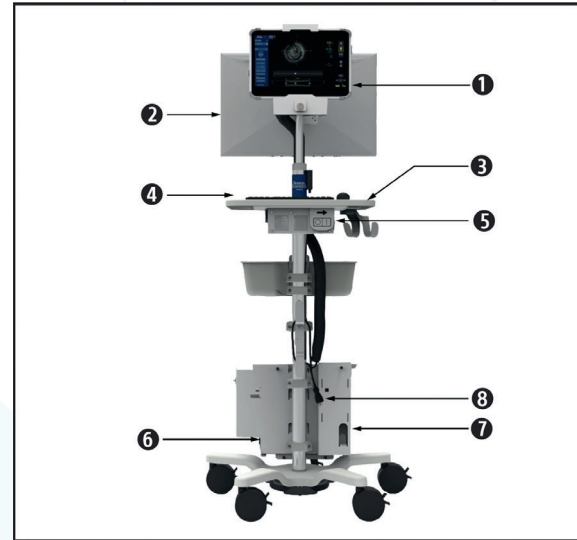
AVVIGO+ Multi-Modality System | Mobile Cart

Mobile Cart Bundle

Description	UPN
AVVIGO+ Mob System, EU + ROW	H749 2493320C 0
MOTOR DRIVE MDU5 PLUS FPB	H749 MDU5PLUSF 0
Permanent Sled	H749 39316010 0

Mobile System Setup

Make sure that the Mobile System is in the location and position required.



1 Tablet Power Button, 2 Secondary Monitor, 3 Tray with Handles, 4 Keyboard and Mouse, 5 Main System Power Switch, 6 Acquisition Processor Power Button, 7 System Identification Label (not shown, back side), 8 Plug Power Cable to Medical Grade Hospital Mains.

Mobile Cart spare parts and accessories

Description	UPN
Mobile pole with 25in base	H749 00298 0
Isolation Station Transformer	H749 00982 0
AVVIGO+ Mouse and Keyboard Kit	H749 00983 0
AVVIGO+ PC Power Cords and Ethernet Kit	H749 00984 0
AVVIGO+ Mobile Monitor with Power Supply	H749 00986 0
AVVIGO+ Mobile Platform	H749 00988 0
AVVIGO+ Cable Clips and Monitor Mount Kit	H749 00989 0
Pole Docking Station	H749 09767 0
15ft Power Cable CEE 7/7 EU	H749 09774 0
Clamp Mobile V4 Acq PC and power supply	H749 2493010 0
Bin Mobile MDU Storage	H749 2493011 0
AVVIGO+ Zipper Cable Sleeve and Straps	H749 2493013 0
AVVIGO+ Tablet New, Global	H749 2493022 0
AVVIGO+ Display Adapters	H749 2493043 0
AVVIGO+ Mouse and Keyboard Kit	H749 2493068 0
V4 Acq PC and power supply New Global	H749 24930ACQFRU 0
AVVIGO+ HDMI Splitter Kit	H749 24930TSC15 0

Localized Power Cable *

*Localized Power Cable Options EU

Description	UPN
15ft IsoX Power Cable CEE 7/7 EU	H749 09774 0

AVVIGO+ Multi-Modality System | Integrated Configuration

Integrated Configuration

The Integrated System is customized for the clinical environment where it is used. In a typical integrated configuration, the system components, are shown.



1 Tablet in Desktop Docking Station, 2 System Identification Label, 3 Isolation Station power button, 4 Keyboard and Mouse are installed in the control room adjacent to the procedure room.

Integrated System Setup-Procedure Room

In Installed configurations, the Primary Display (tablet) is located in the Control Room. A Secondary Display, compatible resolution of 1920 px X 1080 px, can be directly connected to the HDMI port on the tablet desktop docking station, and is an identical monitor with precisely the same information.

Tableside Control, compatible resolution of 1920 px X 1080 px, is a rail-mounted touchscreen display that allows for interaction with the system at the bedside to improve the overall procedural workflow.



1 Secondary Display, 2 FFR Link, 3 Tableside Control, 4 Acquisition Processor located either behind the monitor or on the floor, 5 Motordrive until.

Integrated System Bundles

Description	UPN
AVVIGO+ Int System, EU + ROW	H749 2493320I 0
MOTOR DRIVE MDU 5 PLUS FPB	H749 MDU5PLUSF 0
Permanent Sled	H749 39316010 0
AVVIGO+ Table Side Control Kit	H749 24930TSC01 0

Integrated System spare parts and accessories

Description	UPN
Installed PC to Xformer Power Adapter	H749 00932 0
Isolation Station Transformer	H749 00982 0
AVVIGO+ Mouse and Keyboard Kit	H749 00983 0
AVVIGO+ PC Power Cords and Ethernet Kit	H749 00984 0
Desktop Docking Station	H749 09772 0
15ft Power Cable CEE 7/7 EU	H749 09774 0
AVVIGO+ Zipper Cable Sleeve and Straps	H749 2493013 0
AVVIGO+ TABLET New, Global	H749 2493022 0
AVVIGO+ Display Adapters	H749 2493043 0
AVVIGO+ Mouse and Keyboard Kit	H749 2493068 0
V4 Acq PC and power supply New Global	H749 24930ACQFRU 0
Localized Power Cable*	

AVVIGO+ Multi-Modality System | Specifications

Type	Parameter	Value
Electrical	Power requirements	100 VAC to 240 VAC, frequency 50 Hz / 60 Hz
	AVVIGO+ Mobile System power consumption (steady state)	600 VA maximum
	AVVIGO+ Integrated System power consumption (steady state)	600 VA maximum
	Catheter frequencies supported	9 MHz to 60 MHz
	Safety	Class I per EN 60601-1, UL2601-1, JIS-T-0601-1, ANSI / AAMI ES60601-1 Applied part for IVUS modality: (Motodrive Unit) Defibrillation-proof type CF and any of the IVUS catheters specified in Appendix C. Applied part for Physiology: Comet II Pressure Guidewire
	Ingress Protection Rating	IPX1 **
	LAN In / Out	10 / 100 / 1000 BaseT Ethernet LAN for DICOM
	Video Out	HDMI Compatible Connector 1920 px X 1080 px (Full HD)
	Tablet Bluetooth	The operating frequency of the Bluetooth Communication Module is 2.4 GHz to 2.4835 GHz. The range of the Bluetooth Communication Module is up to 7 meters, line-of-sight. The maximum output power of the Bluetooth Communication Module is 9.5 dBm.
Physical	AVVIGO+ Mobile System weight (unpacked and configured)	50 ± 1 kg (110.83 lb)
	AVVIGO+ Integrated System weight (unpacked and configured)	* 37.2 kg (82.0 lb)
	AVVIGO+ Mobile System dimensions (configured)	174 cm (68.5 in) H x 71.1 cm (28 in) W x 71.1 cm (28 in) D
	AVVIGO+ Integrated System dimensions	25.4 cm (10 in) H x 58.4 cm (23 in) W x 50.8 cm (20 in) D
Environmental (operating)	Temperature	10 °C to 40 °C (50 °F to 104 °F)
	Relative humidity	30 % RH to 75 % RH
	Atmospheric Pressure	700 hPa to 1060 hPa
Environmental (storage / transit)	Temperature	- 29 °C to 60 °C (- 20.2 °F to 140 °F)
	Relative humidity	30 % RH to 85 % RH
	Atmospheric Pressure	700 hPa to 1060 hPa

Single Use Devices | Information

	Product Name	Recommended Guide Catheter or Sheath Size	UPN
Coronary	COMET II Pressure Guidewire	5F	H749 3935931 0
	OPTICROSS HD Imaging Catheter	5F	H74939352050
	OPTICROSS Imaging Catheter	5F	H749518130
	OPTICROSS 6 Imaging Catheter	6F	H7495181360
Peripheral	OPTICROSS 18	6F	H749393270018 0
Intra-cardiac	ULTRA ICE™ PLUS Catheter	n/a	M004 9910 0
Accessories	Permanent Sled Bag	n/a	H74939315010 0
	MOTOR DRIVE MDU5 PLUS FPB	n/a	H749 MDU5PLUSF 0

Registered under Act 737. Registration Number GB7995024-158213.

The information presented in this document by Boston Scientific is intended for healthcare professionals in India. [The information presented in this document is intended to provide balanced, scientific and evidence based answers to unsolicited medical questions.] The information should not be, however, treated as comprehensive and does not intend to provide diagnosis, treatment or any medical or health advice. For full information about the product, please refer to the appropriate product labeling. Responsibility for patient care resides with the healthcare professional on the basis of his or her professional licence, experience and knowledge of the patient. Healthcare professionals must rely on their judgment when deciding which treatments and procedures to use with patients.

All cited trademarks are the property of their respective owners.
©2024 Boston Scientific Corporation or its affiliates. All rights reserved.

Boston Scientific
Advancing science for life™

Boston Scientific India Private Limited
Corporate Office: 3rd Floor, Bestech Business Towers,
Sector -48, Sohna Road, Gurugram - 122018, India
Phone - +91-124-6260500
Registered Address: Unit No 304, 3rd Floor, Chiranjiv Tower,
43 Nehru Place, New Delhi 110019
For customer queries:
customercare.india@bsci.com
www.bostonscientific.com/en-IN
IC-1952903-AA