

OPTIS™ Mobile System

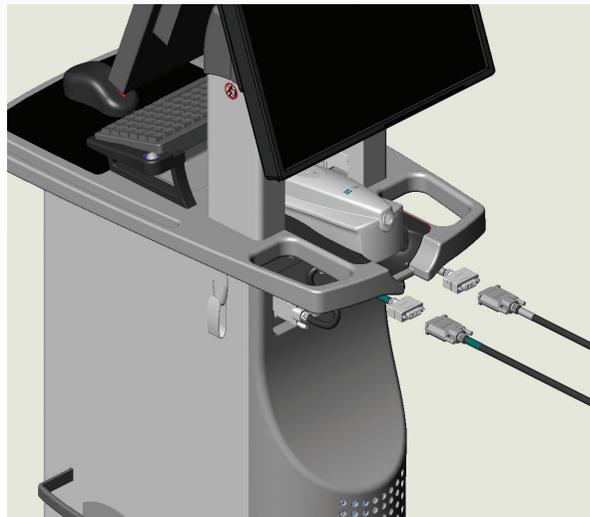
Product Description

The OPTIS™ Mobile System combines optical coherence tomography (OCT) and fractional flow reserve (FFR) on a mobile system for seamless integration into multiple cath labs.

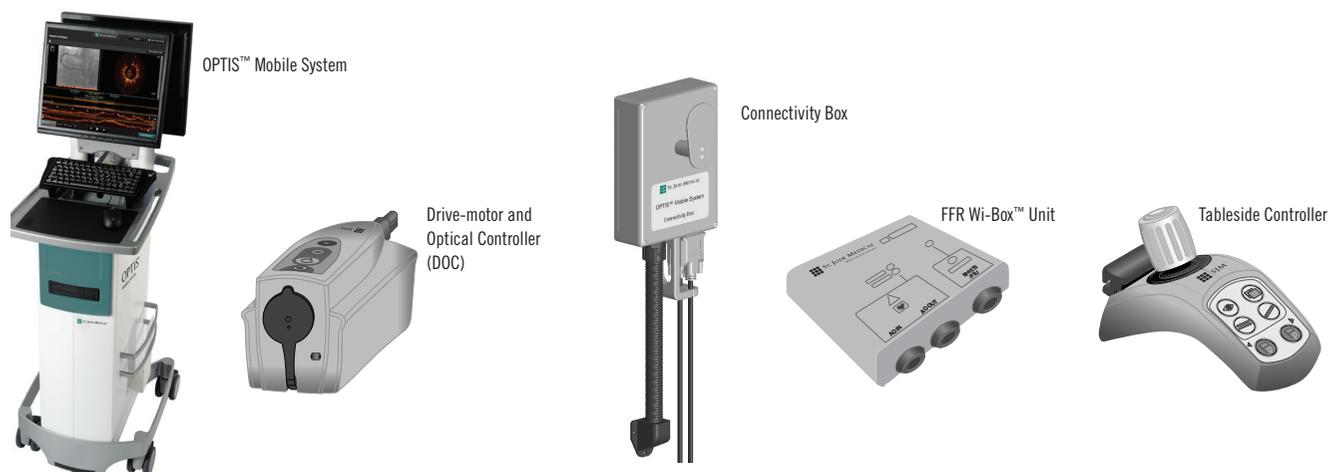


Product Benefits

- Real-time, rapid angio-OCT co-registration to visualize the linkage between anatomical OCT frames and angiography images directly on the boom monitor
- Wireless tableside control for full management of OCT and FFR applications in the sterile field
- Pre-installed connections for quick and seamless integration into multiple cath labs
- Second viewing/control point from OPTIS™ Mobile System stationed by bedside
- Wireless FFR



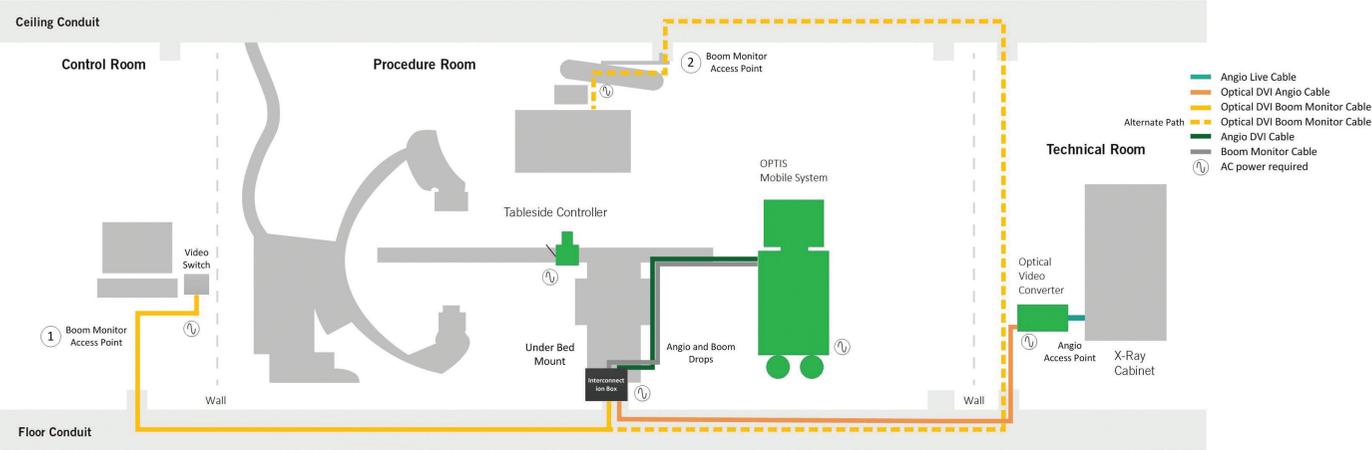
Product Components



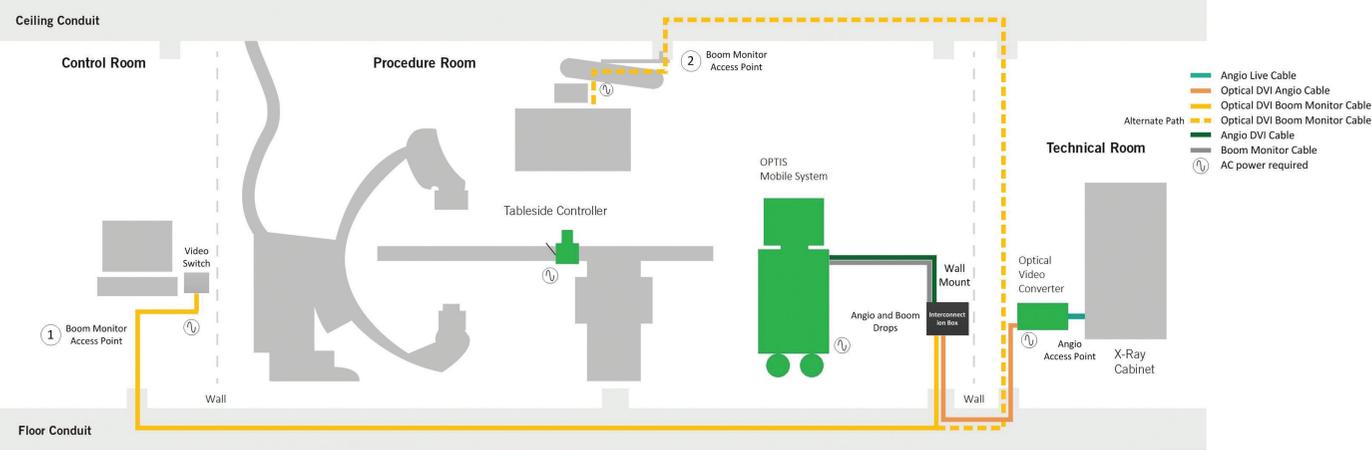
Component	Description	Connections	Dimensions/Weight	Miscellaneous Specifications
OPTIS™ Mobile System Console	Contains engine, PC, monitors, and power supply	Boom monitor video connection Angiography system connection DICOM server via Ethernet	145 cm x 61 cm x 71 cm (H/W/D) 80 kg	Power consumption: 400 VA Max Input: 100-240 V ~50/60 Hz Video Out: SXGA 1280 x 1024 DVI-I Angio Video Interface Requirements: Video Output Type: Digital (DVI or HDMI), Analog (BNC-1 or BNC-3) Video output must be dedicated or properly split Video Resolution: minimum of 1024 x 1024, maximum 1920 x 1200 Frame Rate: 15-30 FPS Mono plane
Tableside Controller (TSC)	Provides OCT/FFR control at tableside Clamps to table rail in procedure room	Wireless connection to OPTIS™ Mobile System (Bluetooth®)	14 cm x 9 cm x 21 cm (H/W/D) 0.5 kg	Requires separate power source at tableside Input (Bluetooth Mode): 100–240 V ~ 50/60 Hz 0.5 A
Drive-motor and Optical Controller (DOC)	Drives the OCT imaging catheter Provides OCT acquisition control		10 cm x 9 cm x 24 cm (H/W/D) 1.6 kg	While in operation, the DOC is placed on the bed When not in operation, it is stored in the OPTIS™ Mobile System cart tray
FFR Wi-Box™ System <i>optional</i>	Provides wireless aortic pressure	Wireless connection to OPTIS™ Mobile System (Bluetooth)		
Connectivity Box	Contains the interface to the angio and boom video for the OPTIS Mobile System	Boom monitor video connection Angiography system connection	9 cm x 15 cm x 27.5 cm 2.5 kg	Power Input: 100-240 V 50/60 Hz 0.3 A maximum

Room configurations

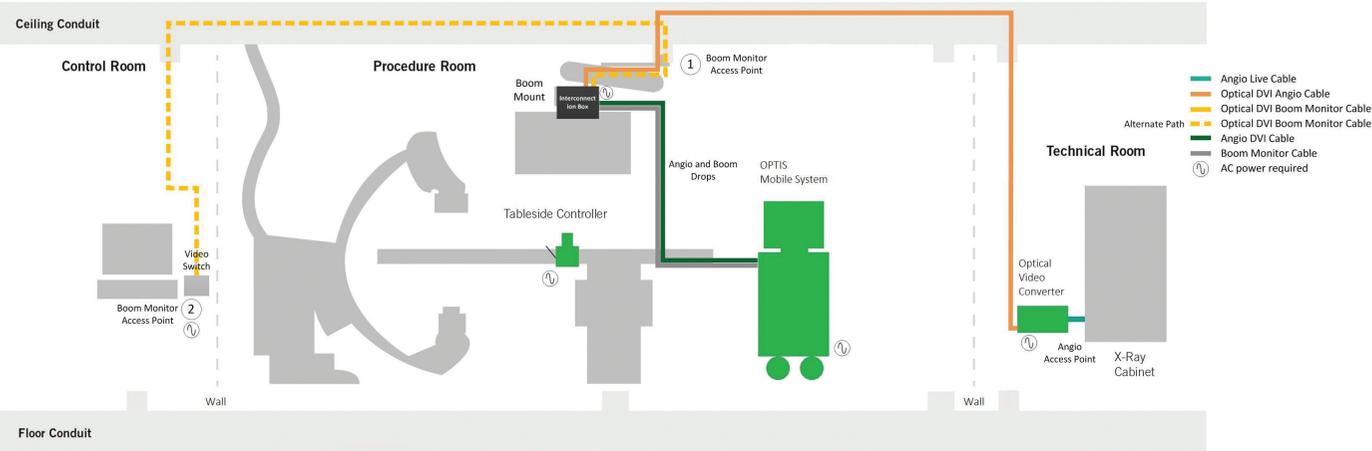
Configuration 1: OPTIS™ Mobile System under bed mount; video cables in floor or ceiling conduit



Configuration 2: OPTIS™ Mobile System wall mount; video cables in floor or ceiling conduit



Configuration 3: OPTIS™ Mobile System boom mount; video cables in ceiling conduit



Ordering Information

Order Number	Description
	OPTIS™ Mobile System
C408661	OPTIS™ Mobile System console, Drive Motor and Optical Controller, OPTIS™ Tableside Controller, OPTIS™ Mobile Installation Kit (connectivity for a single cath lab allowing angio co-registration functionality)
	OPTIS™ Mobile Upgrade Kit
C408662	Includes all necessary components to upgrade an ILUMIEN™ OPTIS™ System to an OPTIS™ Mobile System, OPTIS™ Tableside Controller, OPTIS™ Mobile Installation Kit (connectivity for a single cath lab allowing angio co-registration functionality)
C408663	OPTIS™ Tableside Controller
C408666	OPTIS™ Mobile Installation Kit
	Connectivity for an additional cath lab allowing angio co-registration functionality for the OPTIS™ Mobile System

Rx Only

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use. Devices depicted may not be available in all countries. Check with your St. Jude Medical representative for product availability in your country.

Pending CE Mark/FDA clearance.

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St. Jude Medical Inc.

Global Headquarters
One St. Jude Medical Drive
St. Paul, Minnesota 55117
USA
T +1 651 756 2000 | F +1 651 756 3301

St. Jude Medical S.C., Inc.

Americas Division
6300 Bee Cave Road
Bldg. Two, Suite 100
Austin, TX 78746
USA
T +1 512 286 4000 | F +1 512 732 2418

SJM Coordination Center BVBA

The Corporate Village
Da Vincilaan 11-Box F1
B-1935 Zaventem, Belgium
T +32 2 774 68 11 | F +32 2 772 83 84

St. Jude Medical Brasil Ltda.

Rua Itapeva, 538
5º ao 8º andares
01332-000 – São Paulo – SP
Brazil
T +55 11 5080 5400 | F +55 11 5080 5423

St. Jude Medical (Hong Kong) Ltd.

Suite 1608, 16/F Exchange Tower
33 Wang Chiu Road
Kowloon Bay, Kowloon
Hong Kong SAR
T +852 2996 7688 | F +852 2956 0622

St. Jude Medical Japan Co., Ltd.

Shiodome City Center 15F
1-5-2 Higashi Shinbashi, Minato-ku
Tokyo 105-7115
Japan
T +81 3 6255 6370 | F +81 3 6255 6371

St. Jude Medical Australia Pty, Ltd.

17 Orion Road
Lane Cove, NSW 2066
Australia
T +61 2 9936 1200 | F +61 2 9936 1222

sjm.com/optisi