

THE OPTIS™ MOBILE NEXT IMAGING SYSTEM is a transportable system designed for use in multiple cath labs via easy pre-installed connections. With Ultreon™ 2.0 Software, this powerful OCT imaging system provides you with actionable OCT and angiographic insights to enable PCI procedural efficiencies and better outcomes.¹⁻⁵



PRODUCT FEATURES

- High-powered processors supporting artificial intelligence (AI) technology for faster information display and workflow efficiency
- Wireless tableside controller (TSC) for full control of image acquisition and analysis at the bedside
- OCT with FFR/RFR are immediately available during percutaneous coronary intervention (PCI)
- Seamless and secure integration with cath lab IT system and DICOM
- Compatible with Dragonfly OpStar™ Imaging Catheter and Dragonfly™ OPTIS™ Imaging Catheter



1. Hong, SJ., et al., on behalf of the IVUS-XPL Investigators. Effect of Intravascular Ultrasound–Guided vs Angiography–Guided Everolimus–Eluting Stent Implantation: The IVUS-XPL Randomized Clinical Trial. *JAMA* 2015;314:2155–63. 2. Zhang, J., et al. Intravascular ultrasound versus angiography-guided drug-eluting stent implantation: the ULTIMATE trial. *J Am Coll Cardiol*. 2018;72(24):3126–3137. 3. Lee, JM., et al., on behalf of the RENOVATE–COMPLEX-PCI Investigators. Intravascular Imaging–Guided or Angiography–Guided Complex PCI. *N Engl J Med* 2023;Mar 5. 4. Truesdell, AG., et al., Intravascular Imaging During Percutaneous Coronary Intervention: JACC State-of-the-Art Review. *J Am Coll Cardiol*. 2023;81(6):590–605. doi:10.1016/j.jacc.2022.11.045, 2023 ACC/AHA/SCAI Advanced Training Statement on Interventional Cardiology (Coronary, Peripheral Vascular, and Structural Heart Interventions): A Report of the ACC Competency Management Committee | *Circulation: Cardiovascular Interventions* (ahajournals.org). 5. West, DM., Allen, JR., How Artificial Intelligence is Transforming the World, 4/19/2023, <https://www.brookings.edu/research/how-artificial-intelligence-is-transforming-the-world/>, page 1.

OPTIS™ Next Imaging System Instructions for Use (IFU). Refer to IFU for additional information.

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PRODUCT COMPONENTS



**OPTIS™
Mobile Next**



**Drive-motor and Optical
Controller (DOC)**



**OCT
Connectivity
Box**



**Wi-Box™ AO
Transmitter**



**Tableside
Controller**

COMPONENT	DESCRIPTION	CONNECTIONS	DIMENSIONS / WEIGHT	MISCELLANEOUS SPECIFICATIONS
OPTIS™ Mobile Next Console	Contains imaging engine, computer, keyboard, mouse, monitors and isolated power supply Easy to move by a single user	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-D Angio Video Output Requirements: Video Types: Digital (DVI or HDMI), Analog (VGA, 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 CD/DVD Drive Mono plane
Tableside Controller (TSC)	Provides OCT and FFR/RFR control at tableside Clamps to table rail in procedure room	Wireless Bluetooth [†] connection or USB cable to OPTIS™ Mobile Next console	14 cm x 9 cm x 21 cm (H/W/D) 0.7 kg	Bluetooth [†] mode 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	Established connection with OPTIS™ Mobile Next Console	10 cm x 9 cm x 24 cm (H/W/D) 1.5 kg	While in operation, the DOC is bagged and placed on the procedure table When not in operation, it is stored in the OPTIS™ Mobile Next cart tray
Wi-Box™ System for FFR/RFR optional	Provides wireless aortic pressure	Wireless connection to OPTIS™ Mobile Next (Bluetooth [†])	8.7 cm x 10.8 cm x 3.3 cm (H/W/D) 0.13 kg	
Connectivity Box	Contains the interface to the angio and boom video for the OPTIS™ Mobile Next	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

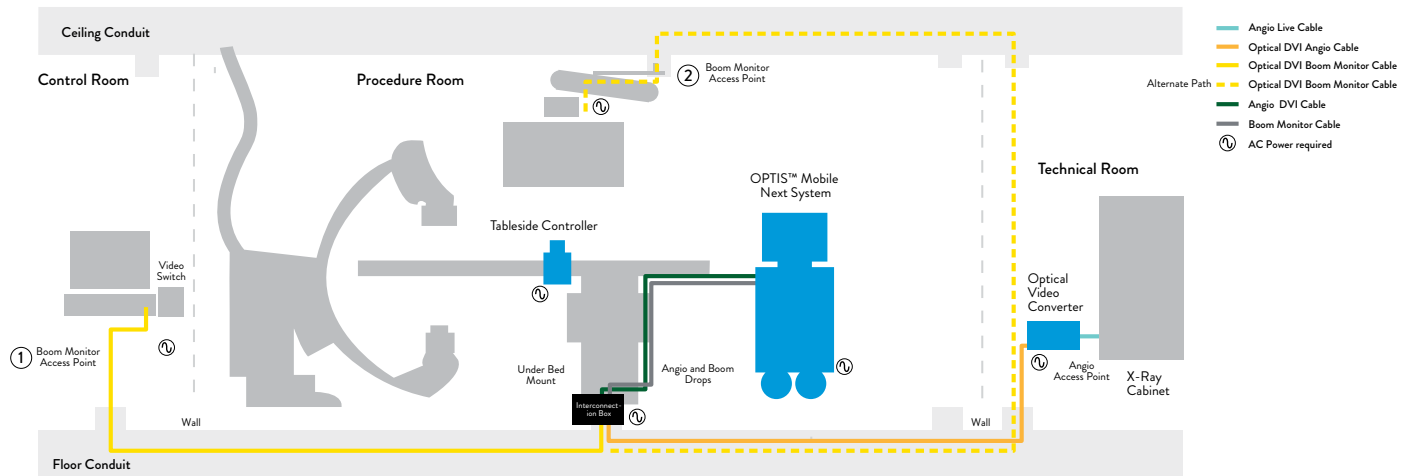
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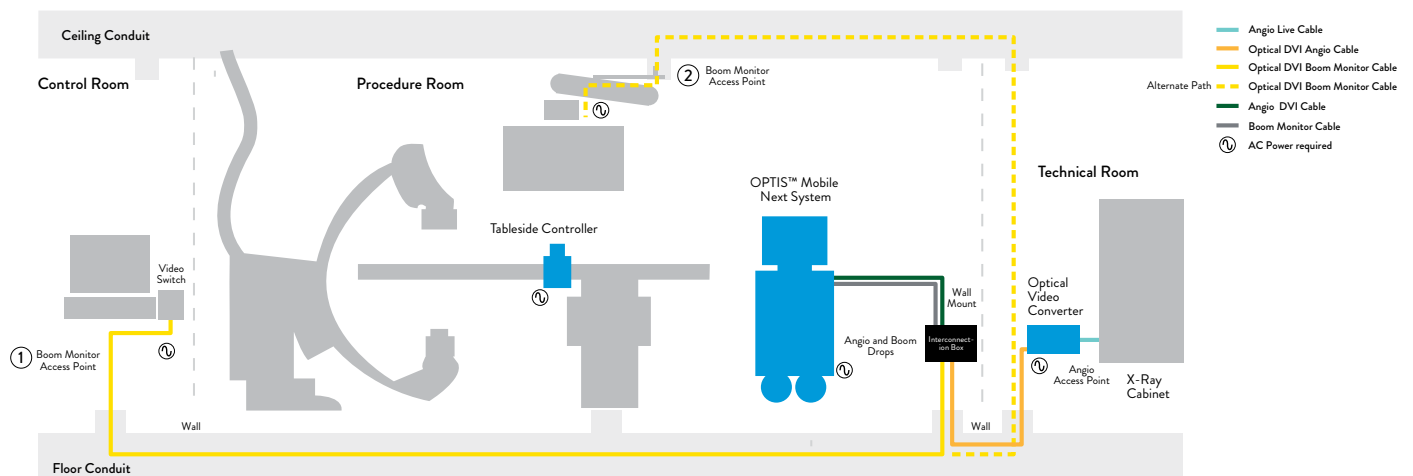
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ROOM CONFIGURATIONS

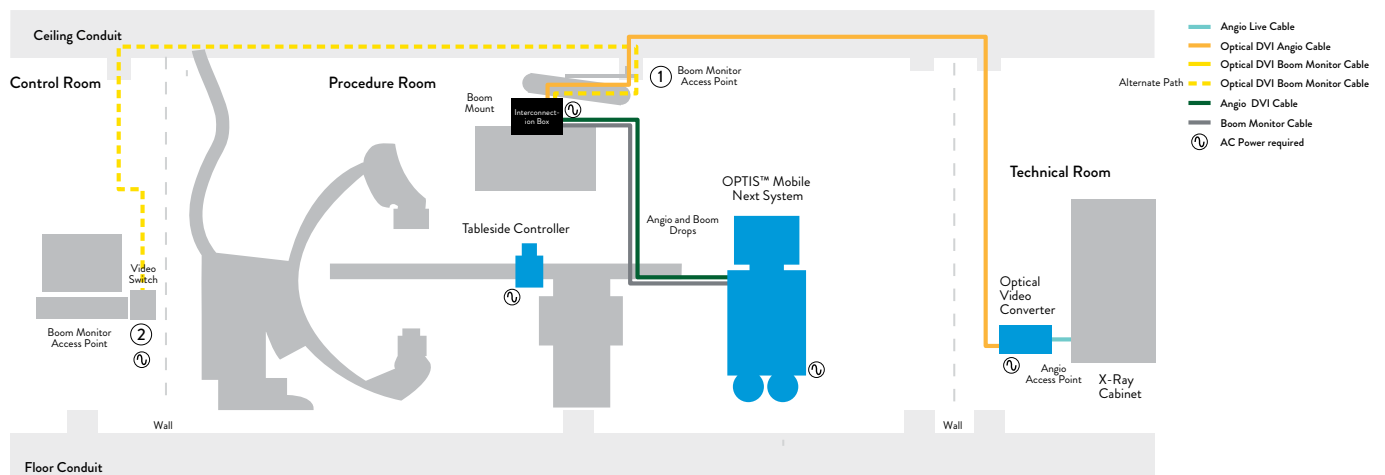
Configuration 1: OPTIS™ Mobile Next System under bed mount; video cables in floor or ceiling conduit



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



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



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ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION
1014932	OPTIS™ Mobile Next Imaging System OPTIS™ Mobile Next console, Drive Motor and Optical Controller, OPTIS™ Next Tableside Controller, OPTIS™ Mobile Next Connectivity Kit (connectivity for a single cath lab allowing angio co-registration functionality)
1014934	OPTIS™ Mobile Next Upgrade Kit Includes all necessary components to upgrade an OPTIS™ Mobile System to OPTIS™ Mobile Next, OPTIS™ Next Tableside Controller, Ultreon™ 2.0 Software
1014936	OPTIS™ Tableside Controller Next Optional for additional cath labs
1014944	OPTIS™ Mobile Next Installation Kit Connectivity for an additional cath lab allowing angio co-registration functionality for the OPTIS™ Mobile Next

The OPTIS™ Integrated Next Imaging System is a customized product. Please contact your local sales representative for more information.

Data on file at Abbott.

CAUTION: This product is intended for use by or under the direction of a physician. Prior to use, reference the Instructions for Use, inside the product carton (when available) or at vascular.eifu.abbott or at medical.abbott/manuals for more detailed information on Indications, Contraindications, Warnings, Precautions and Adverse Events. This material is intended for use with healthcare professionals only.

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Illustrations are artist's representations only and should not be considered as engineering drawings or photographs. Photos on file at Abbott.

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