

LATITUDE NXT™ COMMUNICATOR

Models 6288 and 6290



- > Latitude NXT™ is Boston Scientific's wireless remote patient management system for pacemaker and defibrillator patients
- > Patients followed on LATITUDE NXT™ had a 50% relative reduction in the risk of death as compared to patients followed in-clinic only¹. Additional 10% reduction in the risk of death when transmitting weight and blood pressure data².
- > The LATITUDE NXT™ communicator is an in-home, wireless monitor that automatically collects and sends implanted device data to the LATITUDE NXT™ website for access by a health care provider.

Data Collection Options

Please note: The communicator does not reprogram or change any functions of your implanted device. Only a health care provider can do this during an office visit.

Routine Device Checks	The Communicator regularly “checks in” on the implanted device (depending on the implanted device type). The collected data will be sent to the clinician website only as needed.
Remote Follow-Up	At times set by the health care provider, the communicator collects and then sends implanted device data to the clinician website.
Patient-Initiated Interrogation	If this feature is enabled by the health care provider, patients may initiate the communicator to read their implanted device by pressing the Heart button on the communicator.

Connectivity Options

All Communicator models need to be connected to the internet using one of the following options:

- > Cellular connection via 2G/3G (requires an additional USB cellular adapter)
- > Internet connection via Ethernet (requires an additional USB Ethernet adapter)
- > Landline telephone Service

Radiofrequency Details

	Model 6288 (SRD Band)	Model 6290 (MICS Band)
Receive Bandwidth	±150 kHz	<300 kHz
MICS/MedRadio	869.85 MHz	402-405 MHz
Effective Radiated Power	<2.0 dBm (1.6 mW)	<-16 dBm (25 μW)
Antenna Type/Gain	Monopole / 2.1 dBi at 869.85 MHz	Monopole / 0.0 dBi at 403.5 MHz

Optional Accessories



If prescribed by a health care provider the communicator may include a weight scale and blood pressure monitor. Different blood pressure cuff sizes are available.

A USB accessory adapter is included with the weight scale and blood pressure monitor. This USB adapter provides a wireless connection between these products and the communicator.

Other Technical Specifications

Dimensions	Length: 20.3 cm Width: 11.4 cm Height: 6.9 cm
Weight	0.38 kg
Power Supply	Input: 100-240 VAC, 0.6 A, 50-60 Hz Output (max): 15 W
Protection against electric shock	Class II
Analog Dialing Mode	Tone
Operating Temperature	5° C to 40° C
Operating Humidity	15% to 93% noncondensing
Protection Against Ingress of Water	IP21 (light rain proof)

Model Overview & Descriptions

	Model	Description
Communicator	6288	Supporting devices operating based on the SRD RF band
Communicator	6290	Supporting devices operating based on the MICS RF band
USB Cellular Adapter	6359	Enables the communicator transferring data via a 3G cellular connection
USB Ethernet Adapter	6293	Enables the communicator transferring data via an Ethernet connection
Bluetooth Adapter	6454	Required for using external sensors
Weight Scale	6487	Wireless weight scale that transfers data via Bluetooth
Blood Pressure Monitor	6452	Wireless blood pressure monitor that transfers data via Bluetooth
Blood Pressure Cuff (S)	6484	Small size
Blood Pressure Cuff (M)	6485	Medium size
Blood Pressure Cuff (L)	6486	Large size

¹ Saxon L. et al., Long-Term Outcome After ICD and CRT Implantation and Influence of Remote Device Follow-Up / Clinical Perspective:

² The ALTITUDE Survival Study Circulation. 2010;122:2359-2367, published online before print November 22 2010, doi: 10.1161/CIRCULATIONAHA.110.960633.

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