MULTITECH®
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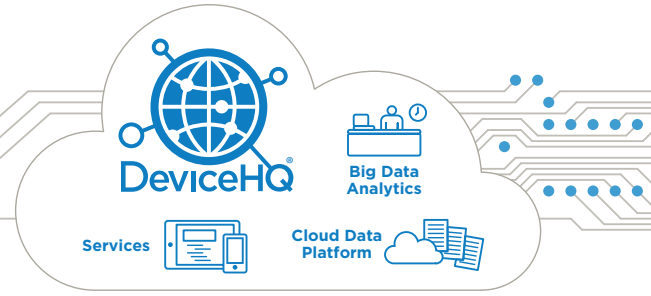
MultiConnect® Conduit™

IoT Starter Kit for LoRa® Technology



Quick start your Internet of Things idea... with business insight, analytics and visualization in minutes.

The MultiConnect® Conduit™ IoT Starter Kit for LoRa® Technology provides everything needed to rapidly get your LoRa proof of concept up, running and connected to the cloud – all in one box. The Conduit IoT Starter Kit is designed to enable you to obtain sensor information and display it in the cloud within minutes of opening the box. The starter kit features the MultiConnect® mDot's and xDot's Arm® Mbed™ programmable LoRa Alliance Certified™ end points, dev boards, a reference design and Site Survey tool plus the Conduit – the industry's most configurable, manageable, and scalable cellular communications gateway for industrial IoT applications.

MultiTech understands how difficult and frustrating it can be to get your IoT idea assembled and working properly and has designed the Conduit Starter Kit to greatly speed up and enhance your experience developing with LoRa technology. MultiTech has reduced the hassle and complexity to integrate with confidence the different elements of any LoRa IoT design – sensors, end points, gateways, LAN and 4G-LTE cellular WAN communications to Industry leading LoRaWAN™ network servers and cloud IoT platforms – check out Conduit IoT Starter Kit recipes for more ideas!

"Get started" with recipes from our partners.

FEATURES

- Everything required for LoRa connectivity from edge sensors to the Cloud
- Europe and North America LoRa 868/915 MHz gateway connectivity bundled with cellular backhaul options with GNSS and Wi-Fi/Bluetooth
- Online Recipes detailing Sensor, LoRaWAN Network Server and cloud platform integrations
- Temperature, light, pressure, and accelerometer sensors plus GPS included in the MultiConnect mDot Box
- Flexibility to conduct LoRa Site Survey and/or develop end-to-end LoRa proof of concepts

BENEFITS

- Pre-configured Conduit, mDot Box and cloud connectors simplify and quicken PoC or Site Survey execution
- Out-of-the-box connectivity to leading IoT Cloud platforms enables data insight, analytics, and visualization in minutes
- All MultiConnect Conduit LoRa components, including Arm Mbed programmable xDot and mDot modules required for connectivity from edge sensors to the Cloud bundled together in one box to reduce confusion and simplify IoT PoC ordering process

www.multitech.com/ConduitStarterKit

MULTICONNECT® CONDUIT™ IOT STARTER KIT FOR LORA® TECHNOLOGY

There are five versions of the Conduit Starter Kit, two for 868 MHz and three for 915 MHz applications, designed for operation in the European Union and North America market places, respectively. Kits with cellular backhaul are bundled with GNSS and Wi-Fi/Bluetooth, Ethernet only kits are bundled with GNSS.

MultiConnect Conduit is the industry's most configurable, manageable, and scalable cellular communications gateway for industrial IoT applications. MultiTech DeviceHQ® is a cloud-based tool set for managing the latest generation of MultiTech devices. DeviceHQ takes remote device management and maintenance to a new level, by providing an application marketplace, allowing users to browse applications, or build their own, then easily deploy and customize them for remote devices from anywhere.

MultiConnect Conduit recipe web site enables quick start access to your end device data flows through the Cloud. Visit: www.multitech.com/landing-pages/starter-kit

For more detailed information, please refer to www.multitech.com or contact your MultiTech sales representative.

STARTER KIT CONFIGURATION

Description	Europe 868 MHz	North America 915 MHz	Qty
MultiConnect Conduit Programmable Gateway	Choice of: MTCDT-246A-US-EU-GB GNSS with no cellular Backhaul or MTCDT-LEU1-247A-EU-GB GNSS + Wi-Fi & BLE with a built-in European 4G-LTE with fallback to 3G-HSPA/2G-GSM cellular radio for IP Backhaul (LTE bands B20, B3 & B7)	Choice of MTCDT-246A-US-EU-GB GNSS with no cellular Backhaul or MTCDT-LAT1-247A-US or MTCDT-LVW2-247A-US GNSS + Wi-Fi & BLE with a built-in North American 4G-LTE with fallback to 3G-HSPA cellular radio for IP Backhaul (LTE bands B17, B5, B4,& B2 (AT&T) or B4 & B13 (VzW)	1 of 5 Options
MultiConnect mCard LoRa Gateway Accessory Card	MTAC-LORA-H-868	MTAC-LORA-H-915	1
MultiConnect mDot Long-Range RF Module	MTDOT-868-X1P-SMA-1	MTDOT-915-X1P-SMA-1	1
MultiConnect xDot Micro Developer Kit	MTMDK-XDOT-EU1-A00	MTMDK-XDOT-NA1-A00	1
MultiConnect mDot Developer Kit	MTUDK2-ST-MDOT	MTUDK2-ST-MDOT	1
MultiConnect mDot Micro Developer Kit	MTMDK-ST-MDOT	MTMDK-ST-MDOT	1
MultiConnect mDot Box LoRa Evaluation and Site Survey Box w/GPS	MTDOT-BOX-G-868	MTDOT-BOX-G-915	1
868-915 MHz LoRa Antenna	AN868-915A-1HRA	AN868-915A-1HRA	2
Wi-Fi/Bluetooth Antenna	ANWBT-1HRA	ANWBT-1HRA	1
GPS Antenna, Mag Mount, 5 Meter Cable	ANGPS-1MM	ANGPS-1MM	1
LTE Antenna	ANLTE2-2HRA (LEU1 models)	ANLTE3-2HRA (LAT1 models) ANLTE2-2HRA (LVW2 models)	2

ORDERING INFORMATION

Ordering Part Number	Description	Region
MTCDT-LAT1-247A-STARTERKIT-915	LTE Conduit IoT Starter Kit for LoRa Technology 915 MHz, with GNSS and WiFi/BLE (AT&T)	US/Canada
MTCDT-LVW2-247A-STARTERKIT-915	LTE Conduit IoT Starter Kit for LoRa Technology 915 MHz, with GNSS and WiFi/BLE (Verizon)	US
MTCDT-LEU1-247A-STARTERKIT-868	LTE Conduit IoT Starter Kit for LoRa Technology 868 MHz, with GNSS and WiFi/BLE	Euro
MTCDT-246A-STARTERKIT-915	Ethernet Conduit IoT Starter Kit for LoRa Technology 915 MHz, with GNSS	NAM
MTCDT-246A-STARTERKIT-868	Ethernet Conduit IoT Starter Kit for LoRa Technology 868 MHz, with GNSS	Euro

Go to www.multitech.com for detailed product model numbers.
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Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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SERVICES & WARRANTY

MultiTech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations.

INSTALLATION SUPPORT

MultiTech's Installation Support Service delivers priority service with the ability to work one-on-one with an experienced MultiTech technical support engineer, to guide you through the installation process for our products.

TECHNICAL SUPPORT SERVICES

At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit www.multitech.com/support.go

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