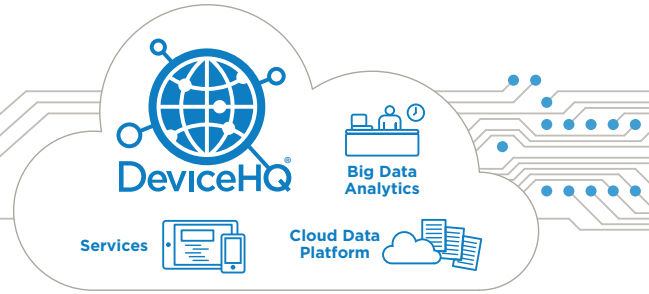




MultiConnect[®] Conduit[™]

IoT Starter Kit for LoRa[®] Technology



MultiConnect[®]
Conduit[™]

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. This Starter Kit has been created specifically for the Japanese market and features support for AS923 MHz channel plans as well as the NTT Docomo and Softbank* networks. 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[™] and xDot[™] 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!

FEATURES

- Conduit certified for Japan AS923 MHz bundled with Ethernet and/or 4G-LTE backhaul with GNSS
- 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
- Listen Before Talk and ISM band scanning for advanced collision prevention

BENEFITS

- Pre-configured AS923 MHz Conduit, mDot Box and cloud connectors simply 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 simply IoT PoC ordering process

"Get started" with recipes from our partners.

www.multitech.com/conduitstarterkit

MULTICONNECT CONDUIT™ IOT STARTER KIT FOR LORA TECHNOLOGY

The Conduit LoRa Starter Kits for Japan are designed for operation in the Japan market on the NTT Docomo and Softbank networks, respectively. Two backhaul communication versions are available – Ethernet only or 4G-LTE – and both are bundled with GNSS functionality.

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	AS923 MHz	Qty
MultiConnect Conduit Programmable Gateway	Choice of: MTCDT-246A-923-JP (Ethernet only) or MTCDT-LDC3-246A-923-JP (NTT Docomo) or MTCDT-LSB3-246A-923-JP (Softbank) GNSS with built in 4G-LTE cellular radio for IP backhaul (LTE Bands 1, 19, & 21 - NTT; LTE Bands 1, 8 - Softbank)	1
MultiConnect mCard LoRa Gateway Accessory Card	MTAC-LORA-H-923-JP	1
MultiConnect mDot Long-Range RF Module	MTDOT-923-JP1-X1P-SMA-1	1
MultiConnect xDot Micro Developer Kit	MTMDK-XDOT-JP1-A01 (includes 923 MHz xDot)	1
MultiConnect mDot Developer Kit	MTUDK2-ST-MDOT	1
MultiConnect mDot Micro Developer Kit	MTMDK-ST-MDOT	1
MultiConnect mDot Box LoRa Evaluation and Site Survey Box w/GPS	MTDOT-BOX-GLOBAL	1
868-915 MHz LoRa Antenna	AN868-915A-IHRA	2
GPS Antenna, Mag Mount, 5 Meter Cable	ANGPS-IMM	1
LTE Antenna	ANLTE3-xHRA	2

Note: Two 9-volt batteries are included with each kit.

ORDERING INFORMATION

Ordering Part Number	Description	Region
MTCDT-LDC3-246A-STARTERKIT-923	LTE Conduit IoT Starter Kit for LoRa Technology, 923 MHz w/GNSS (NTT Docomo)	Japan
MTCDT-LSB3-246A-STARTERKIT-923	LTE Conduit IoT Starter Kit for LoRa Technology, 923 MHz w/GNSS (Softbank)	Japan
MTCDT-246A-STARTERKIT-AS923-JP	Ethernet Conduit IoT Starter Kit for LoRa Technology, 923 MHz w/GNSS	Japan

Go to www.multitech.com for detailed product model numbers.

The LoRa® name and associated logo are trademarks of Semtech Corporation or its subsidiaries.

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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