

MultiTech Conduit[®] IP67 Base Station

IP67 Conduit for Outdoor LoRa[®] Deployments Global 2x8 Channel Models

LoRa Alliance

MultiTech Conduit[®] IP67 Base Station is a ruggedized IoT gateway solution, specifically designed for outdoor LoRa[®] public or private network deployments. This highly scalable and certified IP67 solution is capable of resisting the harshest environmental factors including moisture, dust, wind, rain, snow and extreme heat, supporting LoRaWAN[®] applications in virtually any environment. The enhanced Conduit IP67 includes next generation LoRaWAN mCards capable of supporting thousands of LoRaWAN certified end nodes, including MultiTech Reveal[®] Sensors, and mDots^{®**} and xDots^{**}. This flexible solution provides durable, low-power, wide area connectivity in support of M2M and IoT applications for both LoRa service providers and individual enterprises wanting to expand their LoRa network coverage.

Designed for easy deployment, the solution includes a MultiTech Conduit with updated LoRa MultiTech mCards[™], IP67 enclosure, LoRa antennas to improve outdoor range and Ethernet or optional 4G-LTE backhaul. It can be deployed as part of an existing telecommunications tower, individual stand or wall mount.

*Represents ideal network configuration and equipment set up. Results vary depending on payload amount, transmission frequency, spreading factor used, as well as terrain, RF interference and obstruction type (e.g., metal, cement, etc.)

BENEFITS

- Global MNO and LoRaWAN support
- Greatly expands LoRa network coverage
- External antennas increase LoRa connectivity to remote assets
- Improved design enhancing thermal performance and easy external port access to SIM and USB connectors

FEATURES

- ISM band scanning for optimum LoRa performance
- Listen Before Talk
 operating protocol
- GNSS module for LoRaWAN packet time stamping and network-based location



Programmable embedded software provides enhanced security and enables task execution at the edge for reduced latency and cost optimization.

mPower[™] Edge Intelligence embedded software delivers programmability, network flexibility, enhanced security and manageability for scalable Industrial Internet of Things (IIoT) solutions.

mPower simplifies integration with a variety of popular upstream IoT platforms to streamline edge-to-cloud data management and analytics, while also providing the programmability and processing capability to execute critical tasks at the edge of the network to reduce latency; control network and cloud services costs, and ensure core functionality – even in instances when network connectivity may not be available.

mPower software specifications can be found **here**.

LENS[®] Embedded Network Server & Key Management Toolset for LoRaWAN[®] Networks

LENS is a hybrid LoRaWAN[®] network management platform that enables deployment and management of LoRaWAN networks at scale. Designed for private and enterprise networks, LENS provides a site-by-site user account and centralized management for LoRa[®] end devices, as well as configuration and control of Conduit[®] gateways. LENS has the capability to assign unique access rights to individual users, add gateways and LoRa end nodes in bulk, or create separate organizations and network segmentation to support different IoT use cases or applications.

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Cloud-based Application Store and IoT Device Management

MultiTech DeviceHQ^{*} is cloud-based tool set for managing the latest generation of MultiTech devices. It incorporates all the functionality of MultiTech Device Manager, on which so many M2M and IoT applications already rely for remote monitoring, upgrades and configuration of entire device populations – whether one or 1 million. 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 them to and customize them for remote devices from anywhere.



SPECIFICATIONS

Description	868 M		CDTIP 915 M	odels
lodels	-266A (GNSS only)	-267A (GNSS/WiFi/BT)	-266A (GNSS only)	-267A (GNSS/WiFi/BT)
General Specifications	200A (GN35 GNy)	2074 (01033/ 111 / 01)	200A (GN35 GNy)	2074 (01033) (1117)
nput Voltage	9 VDC 1	7A input provided to 100 - 240 VAC 50	/60 Hz external adaptor or fused DC Powe	r Cable
iput voltage	5 4 De 1		RM & 16-Bit Thumb instruction sets	Cable
Processor and Memory	• 400 MH		iche • 128X16 MB DDR RAM • 256 MB Flash	Memory
	• 400 M	Wi-Fi: 802.11abng (2.4 & 5 GHz) /	ICTIE • 126×10 MB DDR RAM • 250 MB Flash	
Vi-Fi/Bluetooth	N/A	Bluetooth: Classic 4.1 and BLE	N/A	Wi-Fi: 802.11abng (2.4 & 5 GHz)
				Bluetooth: Classic 4.1 and BLE
SPS/GNSS			ng / Concurrent GNSS connections: 3	
			ncurrent GPS/QZSS/SBAS and GLONASS)	
EDs**			able), L1 (user-defined), L2: (user-defined)	
	include MTAC-003 Gateway Accessory Ca			
oRa Frequency Band	868		915 I	
oRa Channel Plan	EU868 /	′ IN865	AU915 / US915 /	AS923 / KR920
Channel Capacity		2x8-channe	hannels (half duplex)	
preading Factors		SF5	to SF12	
oRa Maximum Output Power				
efore Antenna	14 dBm -	27 dBm*	25.1 0	dBm
Connectors				
thernet		D ME Ethernet ise	k (10/100 port) (PoE)	
SB HOST**			be A connector	
IM**			L4G1 models only)	
ntennas	GPS, female SMA	/ Cellular (MTCDTIP-L4G1 models only)	female SMA / LoRa, Wi-Fi/BT: reverse po	arity female SMA
hysical Description				
imensions (L x W x H)		10.31" x 3.58" x 10.12" (2	62 mm x 91 mm x 257 mm)	
/eight		6.06 lb	s (2.75 kg)	
hassis Type			d, Aluminum	
nvironmental				
		40%	a 170% C	
Operating Temperature			o +70° C	
torage Temperature		-40° t	o +85° C	
Cellular Specifications (MTCDTII	P-L4G1 models only)			
1obile Network Operator	European Netw	ork Operators	AT&T /	Verizon
Cellular Radio	MTSMC-L4G1			
Cellular Performance		4G-LTE	Category 4	
Collular Fallback				
Cellular Fallback	4G FDD: B1(2100), B2(1900), B3(1800), B	34(AWS1700), B5(850), B7(2600), B8(9	+ / 2G - GPRS 00), B12/B13(700), B18(850), B19(850), B20	0(800), B25(1900), B26(850), B28(70
Frequency Band (MHz)	4G FDD: B1(2100), B2(1900), B3(1800), B	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18		0(800), B25(1900), B26(850), B28(70
Frequency Band (MHz)	4G FDD: B1(2100), B2(1900), B3(1800), B	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d)(800), B25(1900), B26(850), B28(7C
Frequency Band (MHz) Packet Data (LTE)	4G FDD: B1(2100), B2(1900), B3(1800), B	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d)(800), B25(1900), B26(850), B28(70
Frequency Band (MHz)		34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(3G: B1(2100), B2(1900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-TDD: Up to 130 Mbps peak d	✓ / 2G - GPRS 00), B12/B13(700), B18(850), B19(850), B20 (900), B40(2300), B41(2500)), B5(850), B6(800), B4(900), B19(850) 00), B5(850), B8(900) 00wnlink. Up to 50 Mbps peak uplink ownlink. Up to 30 Mbps peak uplink	
Frequency Band (MHz) Packet Data (LTE) Certifications	CE Mark	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-TDD: Up to 130 Mbps peak d , UKCA	 / 2G - GPRS OO), B12/B13(700), B18(850), B19(850), B20 I900), B40(2300), B41(2500) I900), B40(2300), B41(2500) I900), B5(850), B6(800), B8(900) OO), B5(850), B8(900) Oownlink. Up to 50 Mbps peak uplink ownlink. Up to 30 Mbps peak uplink US: FCC Par 	t 15 Class A
Frequency Band (MHz) Packet Data (LTE)		34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 130 Mbps peak d , UKCA 0 (Immunity)	✓ / 2G - GPRS 00), B12/B13(700), B18(850), B19(850), B20 (900), B40(2300), B41(2500)), B5(850), B6(800), B4(900), B19(850) 00), B5(850), B8(900) 00wnlink. Up to 50 Mbps peak uplink ownlink. Up to 30 Mbps peak uplink	t 15 Class A -003 Class A
Frequency Band (MHz) Packet Data (LTE) Certifications	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V: EN 301 489-3 V2: EN 301 489-3 V2: EN 301 489-9 V2.1. EN 301 489-52 V1.10 (Cellular RED, Art EN 303 413 \ EN 300 328 V2.2 EN 301 511 V12.51.1 (GSM-2G - 1 EN 301 938 - V13.11 (WT Cellular 3G EN 301 908-2 V13.11 (WCDMA - 3 EN 301 908-2 V13.11 (WCDMA - 3 EN 301 908-3 V13.11 (WCDMA - 3 EN 301 908-3 V13.11 (WCDMA - 3 EN 301 908-1 V13.11 (WT CH - 4G EG 203 367 V1.11 (Multi	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B4(AWS1700 2G: B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 130 Mbps peak d , UKCA 0 (Immunity) :2013 (Emissions) icle 3.1b 2.2.3 (General) 11 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icle 3.2 (2.4.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) G - MTCDTIP-L4G1 models only) 2.1 (SRD devices) - MTCDTIP-L4G1 models only) - Radio transmissions)	 / 2G - GPRS OO), B12/B13(700), B18(850), B19(850), B2(900), B40(2300), B41(2500) (B50, B40(2300), B41(2500), B19(850), B5(850), B8(900), B5(850), B8(900) Ooyn, B5(850), B8(900) ownlink. Up to 50 Mbps peak uplink ownlink. Up to 30 Mbps peak uplink US: FCC Par Canada: ICES 	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 x: ISED
Frequency Band (MHz) Packet Data (LTE) Certifications EMC Compliance	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V: EN 301 489-3 V2. EN 301 489-7 V EN 301 489-7 V EN 301 489-79 V2.1 EN 301 489-72 V1.10 (Cellular RED, Art EN 303 413 \ EN 303 28 V2.2 EN 301 511 V12.51 (GSM-2G - 1 EN 301 908-1 V13.11 (VMT Cellular 3G EN 301 908-2 V13.11 (VCMA - 3 EN 301 908-2 V13.11 (VCMA - 3 EN 301 908-1 V13.11 (IT E - 4 G EN 301 908-1 V13.11 (TE - 4 G EN 301 908-1 V13.11 (TE - 4 G EN 301 908-1 V13.11 (TE - 4 G EG 203 367 V1.11 (Mult MPE/RF Exposure	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B39(9 3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 150 Mbps peak d , UKCA 0 (Immunity) :2013 (Emissions) icle 3.1b 2.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icle 3.2 //1.1 (GNSS) .2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) (1 (5 GHz RLAN) -3(1 (SRD devices) - MTCDTIP-L4G1 models only) 2.1 (SRD devices) - MTCDTIP-L4G1 models only) E (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) -21 (SRD devices) - MTCDTIP-L4G1 models only) -21 (SRD devices) - MTCDTIP-L4G1 models only) -Radio transmissions) : EN 62311:2008 50-1 2nd Edition + Am2:2013 / EN 6095	 	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 t: ISED + A1:2013 MPE Standard 2014
Frequency Band (MHz) Packet Data (LTE) Certifications EMC Compliance	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V EN 301 489-3 V2. EN 301 489-3 V2. EN 301 489-72 V1.10 (Cellular EN 301 489-52 V1.10 (Cellular EN 303 413 V EN 303 28 V2.2 EN 301 511 V12.5.1 (GSM-2G - 1 EN 301 908-1 V13.11 (MT Cellular 3G EN 300 908-1 V13.11 (MT Cellula	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(1900), B4(AWS1700 2G: B2(1900), B4(AWS1700 11 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icte 3.2 2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) 2.1 (SRD devices) - MTCDTIP-L4G1 models only) 2.3 (SRD devices) - MTCDTIP-L4G1 models only) - Radio transmissions) 2: EX 62311:2008 50-1 2nd Edition + Am2:2013 / EN 6095 IEC 62368-1: *EL (Mexico), SRRC/CCC/NAL (China),	 	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 a: ISED + A1:2013 MPE Standard 2014 A2:2013
Frequency Band (MHz) Packet Data (LTE) Dertifications EMC Compliance Radio Compliance Safety Regulatory Approvals Approvals Pending) Contact MultiTech for details Aobile Network Operator	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V2 EN 301 489-3 V2 EN 301 489-3 V2 EN 301 489-19 V2.1 EN 301 489-52 V1.10 (Celluar EN 301 489-52 V1.10 (Celluar EN 301 303 28 V2.1 EN 301 511 V12.51 (GSM-2G - 1 EN 301 908-1 V13.11 (MIC Celluar EN 301 908-2 V13.11 (MIC Telluar EN 301 908-2 V13.11 (CHCMA - 3 EN 301 908-2 V13.11 (CHCMA - 3 EN 301 908-2 V13.11 (CHCMA - 3 EN 301 908-2 V13.11 (LTE - 4G EG 20 367 V1.11 (MII MPE/RF Exposure IEC 6095	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 150 Mbps peak d (UKCA 0 (Immunity) :2013 (Emissions) icle 3.1b 2.2.3 (General) 11 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icle 3.2 71.11 (GNSS) 2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) 1 (SRD devices) - MTCDTIP-L4G1 models only) 21 (SRD devices) - MTCDTIP-L4G1 models only) :EN 62311:2008 30-1 2nd Edition + Am2:2013 / EN 6095 IEC 62368-1: TEL (Mexico), SRRC/CCC/NAL (China), FAC (Russia), NBTC (Thailand), IMI	 / 2G - GPRS (2) G - GPRS (2) G - GPRS (2) B12/B13(700), B18(850), B19(850), B20 (3) B12/B13(700), B41(2500) (3) B40(2300), B41(2500) (3) B40(2300), B41(2500) (3) B5(850), B6(800), B41(2500) (4) B10(850), B8(900) (5) B10(850), B10(850	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 a: ISED + A1:2013 MPE Standard 2014 A2:2013 FE/TELEC (Japan), '&T, Verizon***
Frequency Band (MHz) Packet Data (LTE) Certifications EMC Compliance Radio Compliance Gafety Regulatory Approvals Approvals Pending) Contact MultiTech for details Abbile Network Operator Approvals	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V EN 301 489-17 V EN 301 489-17 V EN 301 489-17 V EN 301 489-17 V EN 301 489-19 V2.1 EN 301 489-19 V2.1 EN 301 489-52 V1.1.0 (Cellular RED, Art EN 303 433 V EN 300 328 V2.2 EN 301 511 V12.51 (GSM-2G - 1 EN 301 908-1 V13.11 (IMT Cellular 3G EN 301 908-13 V13.11 (ITE - 4G EG 203 367 V1.11 (MUI MPE/RF Exposure IEC 6095	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 150 Mbps peak d (UKCA 0 (Immunity) :2013 (Emissions) icle 3.1b 2.2.3 (General) 11 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icle 3.2 71.11 (GNSS) 2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) 1 (SRD devices) - MTCDTIP-L4G1 models only) 21 (SRD devices) - MTCDTIP-L4G1 models only) :EN 62311:2008 30-1 2nd Edition + Am2:2013 / EN 6095 IEC 62368-1: TEL (Mexico), SRRC/CCC/NAL (China), FAC (Russia), NBTC (Thailand), IMI	 	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 a: ISED + A1:2013 MPE Standard 2014 A2:2013 FE/TELEC (Japan), '&T, Verizon***
Frequency Band (MHz) Packet Data (LTE) Dertifications EMC Compliance Radio Compliance Radio Compliance Safety Regulatory Approvals Approvals Pending) Contact MultiTech for details Abbile Network Operator Approvals Poblie Network Operator Approvals Pending)	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V2 EN 301 489-3 V2 EN 301 489-3 V2 EN 301 489-19 V2.1 EN 301 489-52 V1.10 (Cellura EN 301 489-52 V1.10 (Cellura EN 301 489-52 V1.10 (Cellura EN 301 303 28 V2.1 EN 301 908-12 V13.11 (CELCAS EN 301 908-2 V13.11 (VICMA - 3 EN 301 908-13 V13.11 (ILTE - 4G EG 20 3 67 V1.11 (Multi MPE/RF Exposure IEC 6095	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2G: B2(1900), B3(18 4G-FDD: Up to 150 Mbps peak d 4G-FDD: Up to 150 Mbps peak d (UKCA 0 (Immunity) :2013 (Emissions) icle 3.1b 2.2.3 (General) 11 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS receivers) MTCDTIP-L4G1 models only) icle 3.2 71.11 (GNSS) 2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (5 GHz RLAN) -4G - MTCDTIP-L4G1 models only) 1 (SRD devices) - MTCDTIP-L4G1 models only) 21 (SRD devices) - MTCDTIP-L4G1 models only) :EN 62311:2008 30-1 2nd Edition + Am2:2013 / EN 6095 IEC 62368-1: TEL (Mexico), SRRC/CCC/NAL (China), FAC (Russia), NBTC (Thailand), IMI	 / 2G - GPRS (2) G - GPRS (2) G - GPRS (2) B12/B13(700), B18(850), B19(850), B20 (3) B12/B13(700), B41(2500) (3) B40(2300), B41(2500) (3) B40(2300), B41(2500) (3) B5(850), B6(800), B41(2500) (4) B10(850), B8(900) (5) B10(850), B10(850	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 :: ISED + A1:2013 MPE Standard 2014 A2:2013 TE/TELEC (Japan), %T, Verizon*** is, Telstra, Vodafone , US Cellular
requency Band (MHz) Packet Data (LTE) Packet Dat	CE Mark EN 55024:201 EN 55032:2012/AC RED, Art EN 301 489-1 V: EN 301 489-3 V2. EN 301 489-3 V2. EN 301 489-3 V2. EN 301 489-9:2 V1.10 (Cellular EN 301 489-52 V1.10 (Cellular EN 303 413 \ EN 300 328 V2.2 EN 301 511 V12.5.1 (GSM-2G - 1 EN 301 908-1 V13.11 (WT Cellular 3G EN 301 908-1 V13.11 (WT Cellular EN 301 908-1 V13.11 (WT Cellular EN 301 908-2 V13.11 (WT Cellular EN 301 908-1 V13.11 (WT Cellular EN 301 908-1 V13.11 (TT E - 4 EN 300 220-2 V3. EN 301 908-1 V13.11 (TT E - 4 EG 203 367 V1.11 (Mult MPE/RF Exposure IEC 6095 Anatel (Brazil), IFET GC	34(AWS1700), B5(850), B7(2600), B8(9 4G TDD: B38(2600), B3(9 3G: B1(2100), B2(1900), B4(AWS170C 2G: B2(1900), B4(AWS170C 2013 (Emissions) icle 3.1b 2.2.3 (General) 1.1 (SRD devices) 3.2.2 (WiFi/BT) 1 (GNSS) 2.2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1cle 3.2 7(1.1 (GNSS) 2 (2.4 GHz ISM) MTCDTIP-L4G1 models only) 1 (SRD devices) - MTCDTIP-L4G1 models only) 2.1 (SR devices) - D1 2	 / 2G - GPRS OO), B12/B13(700), B18(850), B19(850), B20(1900), B40(2300), B41(2500) (J900), B5(850), B8(900) (J900), B5(850), B8(900) (J900), B40(2300), B41(2500) (J900), B4(2500) (J900), A4(2500) <	t 15 Class A -003 Class A CISPR 32 t 22, 24, 27 1: ISED + A1:2013 MPE Standard 2014 A2:2013 TE/TELEC (Japan), %T, Verizon*** is, Telstra, Vodafone , US Cellular gers, Telus

* Maximum EIRP is 14 dBm for most of the band, except 27 dBm at 869.4-869.5 / ** SIM, LEDs, and USB port accessible under IP67-rated bottom cap cover / *** MTSMC-L4G1 is PTCRB, AT&T, and Verizon approved





ORDERING INFORMATION

Model	Description	Regior
MTCDTIP-L4G1-267A-868.R3/2	LTE Cat 4 mPower Conduit IP67 Base Station 2x8-channel, 868 MHz, GNSS+Wi-Fi/BT with two MTAC-003E00 and Accessory Kit	Global
MTCDTIP-L4G1-267A-915.R3/2	LTE Cat 4 mPower Conduit IP67 Base Station 2x8-channel, 915 MHz, GNSS+Wi-Fi/BT with two MTAC-003U00 and Accessory Kit	Global
Accessory Kit Includes: Mounting	g bracket kit, 2 LoRa antennas, 2 cellular antennas, GNSS antenna, Wi-Fi/BT antenna	
MTCDTIP-267A-868.R3/2	Ethernet-only mPower Conduit IP67 Base Station 2x8-channel, 868 MHz, GNSS+Wi-Fi/BT with two MTAC-003E00 and Accessory Kit	Global
MTCDTIP-267A-915.R3/2	Ethernet-only mPower Conduit IP67 Base Station 2x8-channel, 915 MHz, GNSS+Wi-Fi/BT with two MTAC-003U00 and Accessory Kit	Global
Accessory Kit Includes: Mounting	g bracket kit, 2 LoRa antennas, GNSS antenna, Wi-Fi/BT antenna	
MultiTech Conduit® IP67 Base	e Station	
Madal	Description	Bogion

Model	Description	Region
MTCDTIP-L4G1-266A-868.R3/2	LTE Cat 4 mPower Conduit IP67 Base Station 2x8-channel, 868 MHz, GNSS with two MTAC-003E00 and Accessory Kit	Global
MTCDTIP-L4G1-266A-915.R3/2	LTE Cat 4 mPower Conduit IP67 Base Station 2x8-channel, 915 MHz, GNSS with two MTAC-003U00 and Accessory Kit	Global
Accessory Kit Includes: Mounting	g bracket kit, 2 LoRa antennas, 2 cellular antennas, GNSS antenna	
MTCDTIP-266A-868.R3/2	Ethernet-only mPower Conduit IP67 Base Station 2x8-channel, 868 MHz, GNSS with two MTAC-003E00 and Accessory Kit	Global
MTCDTIP-266A-915.R3/2	Ethernet-only mPower Conduit IP67 Base Station 2x8-channel, 915 MHz, GNSS with two MTAC-003U00 and Accessory Kit	Global
Accessory Kit Includes: Mounting	g bracket kit, 2 LoRa antennas, GNSS antenna	

RECOMMENDED ACCESSORIES

Model	Description	Region
MTKIT-MTCDTIP-MF-IP67	IP67 Accessory Kit w/Mounting Bracket, 5' Coax Cable N Type, Male/Female Connectors, IP67-rated Lightning Arrestor, Grounding Strap Adapter Kit, and Weatherproofing Kit	Global
LGT-ARRST-IP67-1	IP67-rated Lightning Arrestor and Grounding Strap Adapter Kit (1 Pk)	Global
LGT-ARRST-IP67-5	IP67-rated Lightning Arrestor and Grounding Strap Adapter Kit (5 Pk)	Global
CA-NTYPE-MF-1	Outdoor Coax Cable, N Type Male & Female connectors, 5 feet (1 Pack)	Global
CA-NTYPE-MF-5	Outdoor Coax Cable, N Type Male & Female connectors, 5 feet (5 Pack)	Global
MB-ANT-IP67-1	Conduit IP67 Antenna Mounting Bracket, Mounts One Antenna (1 Pack)	Global
MB-ANT-IP67-5	Conduit IP67 Antenna Mounting Bracket, Mounts One Antenna (5 Pack)	Global
AN868-915A-1-IP67	IP67 LoRa Antenna, 15.3" (4.5 dBi) (1 Pack)	Global
AN868-915A-5-IP67	IP67 LoRa Antenna, 15.3" (4.5 dBi) (5 Pack)	Global
ANLTE5-1-IP67	IP67 LTE Antenna, 7″ (3.5 dBi) (1 Pack)	Global
ANLTE5-5-IP67	IP67 LTE Antenna, 7" (3.5 dBi) (5 Pack)	Global

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

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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