4G LTE RTK Bridge®-X

NEW & IMPROVED

Faster Upload/Download Speeds, Enhanced Connectivity, Expanded Coverage, and Configuration without Cables

NEW FEATURES

- Cross-Carrier Compatibility: All carriers now served by a single model
- Change carriers on the fly via web interface
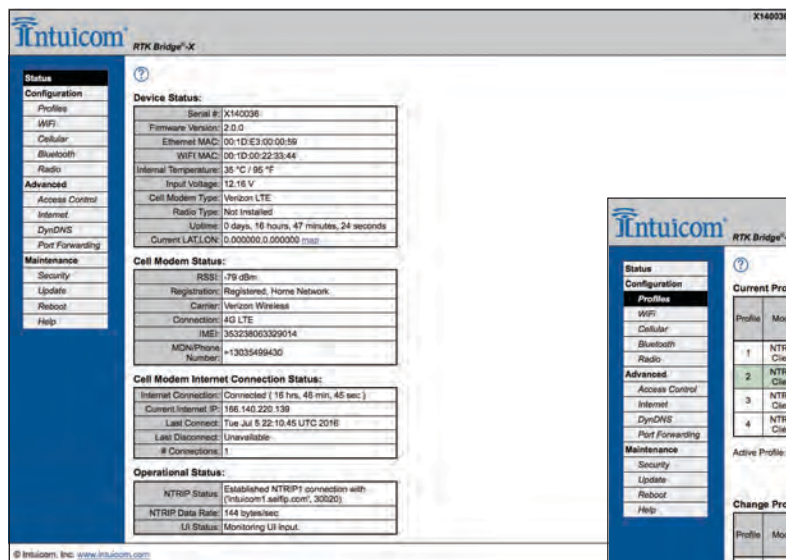- Now supporting more cellular bands than ever

KEY FEATURES

- Faster upload/download speeds than 3G devices
- Quicker access to Real-Time Networks
- Improved WiFi Hotspot and Internet access
- Configure without cables
- Bluetooth compatible
- UHF and 900 MHz radio options
- Real-time cellular strength indicator
- Host base station corrections on the Internet
- Ethernet interface
- Compatible with all major GNSS manufacturers

To learn more about the RTK Bridge-X and how it can make you more productive, contact us at: rtk@intuicom.com or call 303.449-4330.
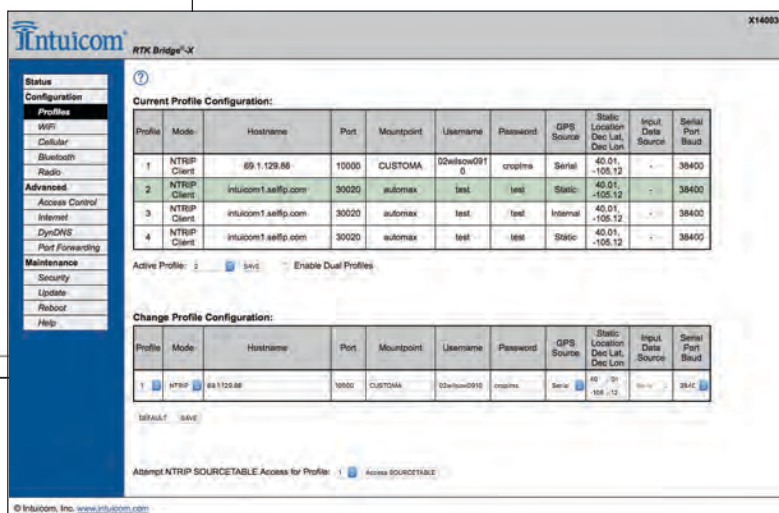
The 4G LTE RTK Bridge®-X now supports the faster upload/download speeds, the expanded coverage and enhanced connectivity available from 4G LTE providers including Verizon, AT&T, and T-Mobile. As its predecessors before, the new 4G LTE RTK Bridge®-X continues to deliver a level of connectivity that others simply cannot match. Supporting all leading precision guidance systems and GNSS manufacturers, the 4G LTE RTK Bridge®-X further distances itself from less robust modems by allowing users to remotely access, configure and manage their device without being connected by a physical cable—*an industry exclusive!* With the 4G LTE RTK Bridge®-X, productivity is taken to a whole new level.

CONFIGURE WITHOUT CABLES
Wireless accessibility gives you the freedom and control to access, configure, and manage your device wherever you are—in the field or in the shop—without cables.

FASTER WIFI AND INTERNET
With its enhanced 4G LTE connectivity, users can quickly access the Internet from all device types (smart phones, tablets, or laptops) to check or send emails, transfer files, or connect to Cloud services—directly from their RTK Bridge®-X.

REMOTE CLOUD-BASED SUPPORT
Intuicom support experts can configure and troubleshoot your RTK Bridge®-X remotely and instantly—no need to leave the field to resolve any issues! *(USA only)*

BLUETOOTH FUNCTIONALITY
Eliminates the time, clutter, and inconvenience of having to run extra cables between all your various GNSS systems.

900 MHz, UHF AND GPS
Internal, industry-standard, license-free 900 MHz or UHF transceivers are also available to meet any working environment. Internal GPS provides maximum flexibility and postitioning.

UNSURPASSED COMPATIBILITY
As with all RTK Bridge® products, all major manufacturers are supported. This allows users to leverage their existing investment in equipment while still enjoying all the advantages of the standard setting RTK Bridge®-X.

Intuicom® Wireless Solutions

4G LTE RTK Bridge®-X

Easy Access to Network RTK Corrections, WiFi Devices, and the Internet

The RTK Bridge®-X features access through any Web browser.

The optional Intuicom Remote Support allows Intuicom to remotely optimize and troubleshoot your RTK Bridge®-X, saving you precious time in the field.

GENERAL SPECIFICATIONS	
Enclosure (Ingress Protection)	Ruggedized aluminum (IP66 Rated)
Size	167mm x 153mm x 53mm
Weight	Approx. 1049 grams (2lbs 5oz)
Operating Temperature	-30°C to +70°C
Input Voltage	12 to 36 Volt working range
Power (@12V DC)	3-8W typical depending on configuration*

CELLULAR SPECIFICATIONS	
LTE Frequencies: B2(1900), B4(AWS1700), B5(850), B12(700a), B13(700c),	B14(700FirstNet), B66(AWS-3 1700), B71 (600)
3G Frequencies B2(1900), B4(AWS1700), B5(850)	*NOTE: 3G bands are not available on Verizon*

WiFi	
Frequency	2.4 GHz
Protocols	802.11 b/g

BLUETOOTH	
Specifications	v 2.1 & 4.0 edr. Power class 1.5

EMBEDDED WIRELESS TRANSCEIVER

	Frequency Range	902-928 MHz	403-470 MHz (UHF)
Transmitter	Transmit Power	100 mW to 1 Watt	100 mW up to 2W-model dependent
	Link Rate/Modulation	115 Kbps / GFSK	4-Level FSK: 9600, 19,200 bps
			GMSK: 4800, 8000, 9600,19,200 bps
	Channel Spacing	230 KHz	12.5 / 25 KHz
	Protocols	Point-to-Multipoint	Transparent EOT/EOC/FST, Packet-switched, TRIM-MARK™, TRIMTALK™, SATEL®
	Error Correction	32 bit CRC Retransmit on error	Forward Error Correction

NOTE: Specifications subject to change without notice.
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Revision 11-16

* Power consumption dependent on coverage and technology in use

Intuicom®
Wireless Solutions