

NetStick-GLU194ST

Global Telecom's *NetStick* is an advanced multi-band LTE Cat 4 mobile device designed for easy deployment across a variety of industries with The simple plug and play interface enables global connectivity. connection to any host, using standard USB 2.0 or higher, LAN. The advanced 2x2 MIMO technology offers rapid access to 4G broadband AI algorithms and watchdogs ensure the device maintains a speeds. constant and reliable connection for a lifetime usage exceeding 80,000 hours.

High Performance & Lightning Speed Mobile Data

The NetStick + Ethernet device supports both FDD and TDD modes of LTE operation and provides up to category 4 data throughput - far exceeding the speeds of existing wired broadband data service and easily satisfying the demands of high-quality HD video and VoIP applications.

Easy and Quick Integration

The USB 2.0 interface supports quick integration with virtually any host and works with different LTE eNodeB systems to enable guick deployment Roaming and hand over support are also across operator networks. available. The NetStick+ can be connected to any router or device via an ethernet adapter to provide WAN interface, which is archived via an accessory (purchased separately).

Superior Performance

Global Telecom adopted the standard USB form factor design to support advanced 4.5G technologies, such as AMC, HARQ, MIMO, DL & UL CA, and more. Host-less SoC design further reduces cost and power consumption.

Advanced MIMO Technology

The NetStick+ supports advanced MIMO technology (up to 2Rx and 1Tx), enabling the product to achieve up to LTE category 4 performance. Global Telecom's industry-leading MIMO technology also extends the coverage area and greatly improves spectrum efficiency.

Accessories

WIFI





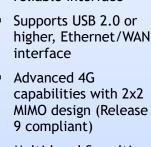


Desktop installation



Window installation

Wall installation



- Multi-band & multimode (FDD & TDD) support
- Router & bridge operation mode support
- Full IPv4 & IPv6 and multiple PDN support
- PPT, L2TP and GRE VPN tunneling client support
- Advanced built-in router software & host-less operation
- Http, Https, Telnet, SSH and FOTA management support
- OMA-DM & SIMOTA support
- TR069



- USB for simple and reliable interface
- Supports USB 2.0 or higher, Ethernet/WAN

NetStick+ Specifications

Device Name	NetStick
Device Model Number	
	GLU194ST
Dimensions	191mm x 40mm x 40mm
Antenna	IPEX-1 Connectors (x2)
	Gain between 2 to 6 dBi depending on the band
Power	USB / 5v1a
Weight	60 g
Power Consumption	2.5 W
Temperature	Operating temperature: -20°C to 55°C
	Storage temperature: -40°C to 85°C
Standard	3GPP LTE Release 9
Duplex Mode	TDD & FDD with 2Rx / 1Tx Design
Frequency	B2 / B4 / B5 / B12 / B17 / B25 / B26 / B41 / B71
Bandwidth	1.4 MHz / 3 MHz / 5 MHz / 10 MHz / 15 MHz / 20 MHz
Modulations	DL: QPSK / QAM16 / QAM64
	UL: QPSK / QAM16 / QAM64
мімо	2x2 MIMO
Tx Power	23dBm ±1dB
Networking Interface	USB 2.0 / LAN / WAN supports failover
Management	Plug and Play Support (Http, Https, Telnet, SSH, OMA-DM, SIMOTA)
Operating System	Driverless & Host-less Support (Linux, Mac OS, Android, Windows XP, Vista, and Windows 7/8/10)

