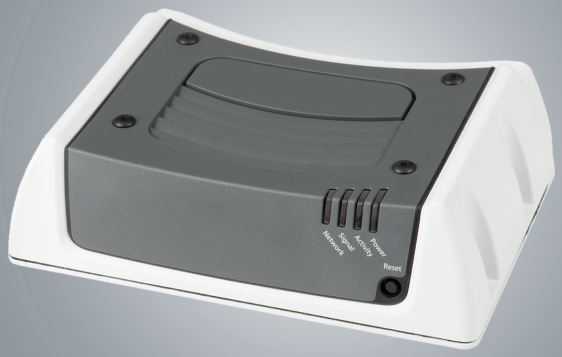
LTE Cellular Connectivity Kit

IT Management



4G LTE BASED CELLULAR OUT-OF-BAND MANAGEMENT SOLUTION FOR LANTRONIX SLC™ 8000 ADVANCED CONSOLE MANAGER AND SLB™ BRANCH OFFICE MANAGER

The LTE Cellular Connectivity Kit is an industrial-grade 4G LTE wireless solution offering cellular back-up with automatic fail-over for your Lantronix IT Management products.

Flexible & Robust

The LTE Connectivity Kit provides reliable 4G LTE connectivity via an industrial-grade and secure gateway designed to provide an enterprise-level remote connectivity solution. With state-of-the-art global LTE coverage, the LTE gateway provides broadband connectivity for Lantronix IT Management solutions.

Automatic Fail-over

The Lantronix LTE Cellular Connectivity Kit delivers mission-critical LTE connectivity as a failover solution to protect your data center and branch office out-of-band management infrastructure against landline failure. With new automatic fail-over functionality built into your Lantronix SLC 8000 Advanced Console Manager and SLB Branch Office Manager, deployment of a secondary enterprise network connection is simple and quick, and automatic fail-over from a land-line network outage is seamless.

Simple & Elegant Set-up

The Lantronix LTE Connectivity Kit has been fully integrated and validated with the Lantronix SLC 8000 Advanced Console Manager and the Lantronix SLB Branch Office Manager for quick set up and seamless provisioning. Through the Lantronix user interface, the user experience is optimized for a simple and straightforward set-up routine.



Ethernet connection option shown in this diagram

Product Highlights

- Full-featured LTE gateway for failover and failback connectivity
- State of the art LTE coverage spanning 11 LTE frequency bands
- Supports present and future high-speed LTE networks
- Cellular out-of-band management for remotely troubleshooting and restoring enterprise IT equipment using Lantronix IT Management products
- Reliable Static Route eliminates redundant wireless data usage
- Set-up and provisioning via Lantronix SLC 8000 Advanced Console Manager and SLB Branch Office Manager
- Enterprise-grade design for data center and remote office use

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LTE Cellular Connectivity Kit

Features and Specifications

North American Model

- Carrier Approvals: Verizon®, AT&T®, Sprint®, T-Mobile® USA, US Cellular®, Rogers®, Bell®, Telus®

Supported Frequency Bands

- LTE: 1900(B2), AWS(B4), 850(B5), 700(B13), 700(B17), 1900(B25)
- WCDMA: 2100(B1), 1900(B2), AWS(B4), 850(B5), 900(B8)
- EV-DO/CDMA: 800(BC0), 1900(BC1), 1700(BC10)
- GSM/GPRS/EDGE: Quad-band

- Industry Approvals: FCC, IC, PTCRB
- SIM Interface (2FF)

International Model

Supported Frequency Bands

- LTE: 2100(B1), 1800(B3), 2600(B7), 900(B8), 800(B20)
- WCDMA: 2100(B1), 1900(B2), 850(B5), 900(B8)
- GSM/GPRS/EDGE: Quad-band

- Industry Approvals: CE, RCM, GCF, R&TTE
- Automatic SIM based network operator switching
- SIM Interface (2FF)

Host Interface

- 10/100 Base-T RJ45 Ethernet port
- 2 SMA antenna connectors (Primary, Secondary/Diversity)

LAN (Ethernet)

- DNS, DNS Proxy
- DHCP Server
- IP Passthrough
- VLAN
- Host Interface Watchdog
- PPPoE

Network and Routing

- Network Address Translation (NAT)
- Port Forwarding
- Host Port Routing
- NEMO/DMNR
- VRRP
- Reliable Static Route
- Dynamic DNS

VPN

- IPsec, GRE, and SSL VPN Client
- Up to 5 concurrent tunnels
- Split Tunnel
- Dead Peer Detection (DPD)
- Multiple Subnets
- VPN Failover

Dimensions

- 142 x 98 x 41 mm (5.6 x 3.9 x 1.6 in), 397g (14oz.)

Power

- Input Voltage: 9 to 36 VDC

Management Interfaces

- Web-Based User Interface via Lantronix ITM UI
- Software and radio module firmware updates directly via Lantronix SLC 8000 Advanced Console Manager and SLB Branch Office Manager

Environmental

- Operating Temperature: -20°C to +60°C / -4°F to +140°F
- Storage Temperature: -30°C to +70°C / -22°F to +158°F
- Military Spec MIL-STD-810G conformance to shock, vibration

Industry Certifications

- IECEE Certification Bodies Scheme (CB Scheme)
- UL 60950
- Environmental: RoHS, REACH, WEEE

Support and Warranty

- 3-year standard warranty

Set-up and Provisioning via



SLC® 8000
Advanced Console Manager



SLB™
Branch Office Manager

Ordering Information

Part Number	Description
CCKLTE450-NA	LTE Cellular Connectivity Kit - North America
CCKLTE450-EA	LTE Cellular Connectivity Kit - Europe/Asia

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