LANTRONIX®

Mobility Solutions

IIoT Connectivity: Manage - Monitor - Control

Lantronix Mobility Solutions Cellular Modems and **Routers**

Typical Applications

Application & market segments:

- Process automation & energy management
- Vending machine & ATM
- Fixed asset remote access
- Failover

A must for:

- · Remote access of assets
- Industrial or harsh environment
- · Edge intelligence requirement

Customer Guide

Why you need a modem:

- Serial or USB interface
- Low power consumption
- Small and Industrial package
- Edge intelligence

Why you need a router:

- Ethernet & serial interface
- High bandwidth usage
- · Small and industrial package
- Edge computing & Linux programming



M Series

Industrial Modem

M Series modems are designed to provide connectivity across a broad range of M2M and IoT applications. They allow Internet connectivity via serial port to PLCs, Meters, Vending Machines. They help transport data from any device to data control servers, allowing businesses to utilize such benefits as real-time data monitoring, management, and control.

Key Features

- Dial-up, TCP/UDP permanent client/ server or on-demand client with two TCP/ UDP sockets for failover
- Network connectivity watchdog
- Support for concatenated SMS
- Configurable text and recipients upon Last Gasp
- DoTA via user's HTTP server
- Configuration via Workbench through RS-232 or, when available, USB; also via SMS. Telnet



E Series

Industrial IoT Gateway

With cellular LTE Cat1 to Cat4, wired WAN, LAN and Wi-Fi connectivity, the E series router is a highly versatile, reliable and rugged router designed for mission-critical enterprise applications requiring faultless connectivity.

Key Features

- Web-based user interface, set-up wizard, console log viewer, save / load configuration, NTP, SMS/OTA remote configuration, TR-069 capable
- Redundancy: Ethernet, cellular, Wi-Fi - configurable as failover or loadbalancing
- Network connectivity watchdog (configurable), internal application watchdog
- · Wi-Fi Client or Access Point, multiple SSID, WEP, WPA, WPA-PSK / WPA2-PSK security modes
- · Security Zone-based firewall, VLAN, DMZ, HTTPS local and remote connection, SIM PIN
- Real time processor load and interface (WAN/LAN/Wi-Fi), traffic analysis, ICMP, trace-route
- · Routing DHCP, static routing, portforwarding, traffic
- Routing, static/dynamic DNS, DNS proxy, NAT. STP
- VPN PPTP client, L2TP, OpenVPN client / server/passthrough, GRE, IPsec
- support, Modbus master

Lantronix Software Services

Percepsion - secure cloud platform to manage remote IoT gateways through a single pane of glass. https://www.lantronix.com/percepxion/ · Industrial Protocols: Modbus RTU to TCP

Connectivity Services - North American and global cellular data plans and VPN security with an easy-to-use cloud platform to manage your SIMs and services. https://www.lantronix.com/connectivity-services/



M Series

Industrial Modem



M110

Hardware Specification:

- 60 x 60 x 21.7 mm, Approx. 80g.
- Extended Temp. Range -30°C to +70°C
- RAM: 40 Flash 256 MB
- USB Type-C
- Power Supply 6 ~ 36 VDC
- RS232 on Sub-D 9 pin connector
- 2 x versatile I/Os (2-way: analog input / digital output)
- Sim 2FF SIM 1.8 V / 3.0 V

Network:

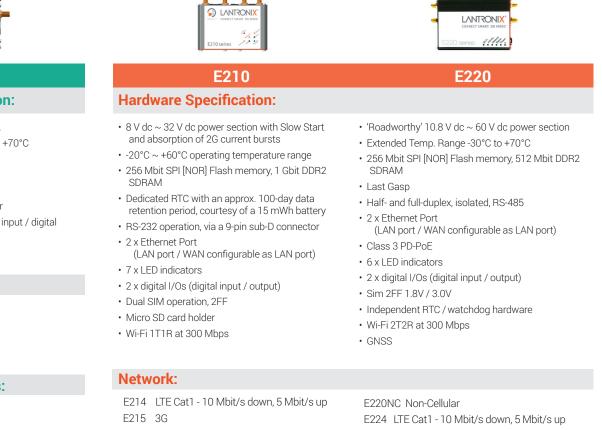
M113 LTE-M1

Available Accessories:

- Power Supply
- Power Cable
- USB Cable
- Cellular Antenna
- DIN Rail Clip
- Snap Cap™ RS485 Adapter

E Series

Industrial IoT Gateway



E218 LTE Cat4 - 150 Mbit/s down, 50 Mbit/s up

Available Accessories:

- Power Supply
- Power Cable
- Lan Cable
- Cellular Antenna
- Wi-Fi Antenna
- DIN clip
- Snap Cap™ RS485 Adapter

E220NC Non-Cellular E224 LTE Cat1 - 10 Mbit/s down, 5 Mbit/s up E225 3G E228 LTE Cat4 - 150 Mbit/s down, 50 Mbit/s up

- Power Supply
- Power Cable
- Lan Cable
- Cellular Antenna
- GPS Antenna
- Wi-Fi Antenna
- DIN clip

		Cat 4	Cat 1	Cat M1	NB-IoT
Modem	Verizon	N/A	M114F001S	M113F00FS	
Router	Verizon	E228HPL1S	E214G001S	E213G00FS	N/A



lantronix.com

Corporate Headquarters Lantronix, Inc. 48 Discovery Suite 250 Irvine, CA 92618 Tel. 949.453.3990