

LC100

Compact Form Factor Delivers 4G LTE-A Connectivity



Enterprise Performance Built for IoT

The Ventus Technologies LC100 delivers secure 4G LTE-A connectivity in a compact design perfect for applications such as digital signs, kiosks, and e-lockers. Offering secure, reliable connectivity, Ethernet or Wi-Fi, where space is at a premium. The LC100 is pre-configured before shipment for zero-touch deployments with single or dual SIMs that automatically failover for maximum network connectivity.

Optimized for Small Spaces

The LC100 with its compact form factor and lay flat antenna, fits into the tightest installations. Despite its size, the device still delivers when it comes to bandwidth and availability. For deployments requiring antenna placement outside an enclosure the optional corded Ventus Compact Dual Antenna can be deployed up to 6 feet away.

Ventus Managed Network-as-a-Service

Ventus Managed Network-as-a-Service (NaaS) provides a fully managed solution for the LC100. From end-to-end Ventus Managed NaaS provides total network management and support. Ventus engineers design and architect a fully integrated WAN network tailored to meet your specific business needs. Ventus' supplier agnostic philosophy sources the internet service providers that are most appropriate for each location. While Ventus project managers ensure deployments are seamless and project deadlines are met.

All networks are monitored 24x7x365 by the Ventus Technical Support Center (TSC). The Ventus TSC is there around the clock to answer any questions with our one-call resolution promise.

The Ventus TSC also handles all direct communications, escalations, and ticketing with internet service providers, allowing you to focus on your core business.

Key Features

- Compact, plug-and-play form factor
- 4G LTE-A WAN connectivity
- Ethernet and Wi-Fi LAN connectivity
- Dual SIMs for network flexibility
- Supports VPN encrypted tunnels
- Genesis™ Intelligent Network Monitoring
- Custom alerts

Ideal For

- ATM cash machines
- Digital signs
- E-Lockers
- Entry security
- Gaming and lottery terminals
- IoT
- Jukeboxes
- Kiosks
- POS
- Smart safes
- Vending machines



Technical Specifications

ETHERNET: 1x RJ45

SIM: 2x SIM Micro 3FF

CELLULAR: Verizon and AT&T

Wi-Fi: 2.4GHz, 2x2 MIMO, 802.11b/g/n

POWER SUPPLY: 12V DC, 2.0A

LED: Power, Cellular Signal, Wi-Fi, and LAN

DIMENSIONS: 3.55W x 2.50D x 0.85H inches

OPERATING TEMPERATURE: -4° to 158° F

CERTIFICATIONS: FCC, PTCRB, RoHS, and Wi-Fi

Genesis™ Intelligent Network Monitoring

The ability to monitor network and device status is critical to uptime. Consistent, high-availability network service increases customer satisfaction and retention. Ventus' centralized web-based monitoring platform, Genesis, offers users a variety of insightful analytics, reporting capabilities, and real-time status updates.

- Web-based, secure monitoring platform
- Real-time network alerts
- Detailed views of all units
- Custom reporting, analytics, and custom alerts
- Centralized ticket management system
- Ability to integrate into existing network monitoring platforms

Cellular Features

- Cat-3
- Fast dual SIM switching
- LTE Bands (2, 4, 5, and 17)
- Tri Band UMTS/DC-HSPA+ (5, 12, and 14)
- GPRS/EDGE Quad/Dual Band

Router Features

- Zero-touch deployments
- Power alerts
- Single SIM or Dual SIM with auto-failover
- V-Con™ Advanced Connection Management
- Magnetic mount

LC100 Flip Antenna



- LTE
- Dual Band
- Omni-Directional

