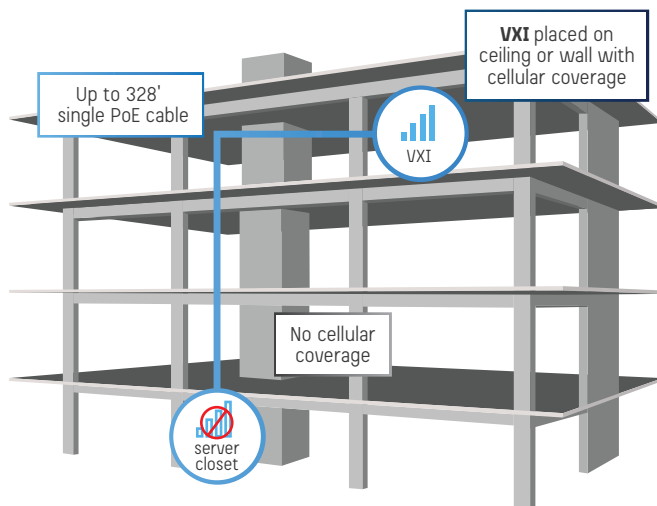# Ventus
Global Network Solutions

VXI300

Optimize Cellular Signal
Unprecedented LTE Speeds

Signal Coverage Wherever You Need It

The Ventus Technologies VXI300 provides secure LTE-A connectivity with advanced signal reception from distances of up to 328 feet from required network access. VXI solves for poor coverage areas such as basements, telecom closets, interior locations, and other signal challenged locations. The router/ antenna hybrid device can be placed wherever the strongest signal is located and can be connected by a single PoE enabled Ethernet cable minimizing cabling and simplifying deployments.

Up to 328' single PoE cable

VXI placed on ceiling or wall with cellular coverage

VXI

No cellular coverage

server closet

Industry Leading Enterprise Performance

The Ventus Technologies VXI300 is an Enterprise network router with the ability to act as a 3x3 dual band 2.4Ghz/5Ghz Wi-Fi access point. The VXI300 employs a LTE-A, Cat-12 module with up to 600Mbps downlink and 150Mbps uplink speed with global network support across all carriers. The internal cellular multiband 2x2 MIMO antenna achieves high spatial multiplexing gains for clarity of signal.

Key Features

- LTE-A with 4G fallback
- Cat 12 module
- Placement up to 328' from network
- Create a secure WLAN environment
- Easily mounts to drop ceilings or wall
- Advanced signal reception
- Dual SIMs for network flexibility
- Supports VPN encrypted tunnels
- Remote monitoring

Ideal for

- ATMs/ITMs
- Digital Signs
- Failover
- Kiosks
- POS
- Smart Lockers
- VoIP
- Wi-Fi

Technical Specifications

ETHERNET: 2x WAN 10/100/1000 (RJ45)

SIM: 2x SIM Micro 3FF

CELLULAR: Global

WI-FI: Simultaneous Dual band 2.4/5GHz, 802.11a/b/g/n/ac

POWER SUPPLY: PoE 802.3af or 12v DC, 2A

LED: Power, Celluar Signal, and Wi-Fi

DIMENSIONS: 8.27W x 8.27D x 1.70H inches

OPERATING TEMPERATURE: -4° to 113° F

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

Backed by the Power of Ventus Managed NaaS

Get the power of a fully-managed solution with Ventus Managed Network-as-a-Service (NaaS). From end-to-end Managed NaaS provides total network management and support for the VCI300 including network designs, aggregated network service providers, hardware procurement, field services, maintenance replacements, and comprehensive 24x7x365 active monitoring that ensures your network and applications experience disruption-free, always-on connectivity. In addition to maintaining industry-leading availability, Managed NaaS includes support from the Ventus Technical Support Center where in-house technical support specialists are available around the clock to provide one-call resolution.

Cellular Features

- Cat 12
- Fast dual SIM switching
- 600Mbps downlink and 150Mbps uplink
- LTE-A with 4G fallback
- Global network support

Router Features

- Zero-Touch deployments
- Single SIM or Dual SIM with auto-failover
- V-Con advanced connection management
- Dynamic Domain Name System

Intelligent Network Monitoring

While Ventus Managed NaaS provides the critical service of fully managing connectivity and 24x7x365 technical support for the VXI300, monitoring and reporting is accessible via the Ventus Genesis™ web-based monitoring platform. Up to date reports offer users a variety of insightful analytics, reporting capabilities, and real-time status updates.

- Web-based, secure monitoring platform
- Real-time network alerts
- Reporting, analytics, and custom alerts
- Automatic OTA software updates
- Ability to integrate into existing network monitoring platforms