Ventus V2000X4E

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V2000X4E
Primary and Failover Branch & M2M Router

About V2000X4E

The Ventus Technologies V2000X4E network router supports cellular and broadband connectivity globally. The 1 WAN and 3 LAN Ethernet ports support retail, restaurant, and branch environments for both primary and failover connectivity internationally. With its small form factor and plug 'n play installation, the V2000X4E is also ideal for M2M deployments for kiosks, digital signs, ATMs, and more.

Key Specifications

Product Specifications
- DDR2 SDRAM: 64MB
- Flash Memory: 16MB
- Ethernet Ports:
    - 1 WAN port (Fast Ethernet RJ45 with Auto MDI/X)
    - 3 LAN ports (Fast Ethernet RJ45 with Auto MDI/X)
- USB Port: 1 (2.0/1.1)
- Cellular Antenna: 2-TNC (Frequency Range: 0-5GHz)
- AC Input Voltage: 100 to 240VAC
- AC Input Frequenc: 50-60Hz
- AC Input Current: 1.0A
- AC Output Max Watts: 24W
- DC Output: 12V, 2A

Embedded Cellular Module
- Dual SIM Card Connectors: 4FF
- Global:
    - LTE Cat-1 Multi Band in Cinterion®
    - LGA156 (DL 10M/UL 5M)
    - LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12(17), 18, 19, 20, 28
    - 3G Bands: 1, 2, 4, 5, 8, 9, 19
    - 2G Bands: Quad Band

Environmental Specifications
- Functional Operating Temperature: -20° to 70° C (-4° to 158° F)
- Operating Humidity: 5 to 85% RH non-condensing
- Dimensions (H x W x D): 1.50 x 6.10 x 3.82 in (38 x 155 x 97 mm)
- Rack Height: 1 rack unit (1RU)
- Weight: 13.28 oz (0.3764 kg)

Software and Security Features
- Firewall, IPSec / VPN / SSL encryption / Certificates x.509 / SSHv2, GRE Tunneling
- Power Alerts: Yes
- Certificate Validation: Yes (Private & Commercial option available)
- Encryption: 128-256 AES, DES, 3-DES and RC4
- Iptables firewall: Yes
- SSHv2: Yes
- Compression: Yes

External Connections

- Power Input Connector Barrel
- Antenna Connectors
- Accessible Dual SIM Tray
- USB Port
- WAN Port
- LAN Ports (3)

Key Specifications Continued

Ventus Genesis™ Monitoring Platform

- Cloud Based Web Interface
- Group or individual views for all units
- Multi-vendor network monitoring
- Tiered user administration access
- Detailed reporting
  - Signal, uptime and availability
  - Module performance
  - Network configuration
  - Ethernet port status
  - Data usage
  - Site information
- Automated alerts via email and text

Features

- Pre-configured for quick plug 'n play installs
- Power alerts reduce on-site truck roles
- Ventus Genesis™ cloud-based, remote monitoring
- Software updates are managed by Ventus, removing the burden from client-side IT resources
- Router and antenna easy installation using industrial grade magnets

Ideal For

- ATMs
- Digital Signs
- Entryways
- Failover
- Gaming and Lottery Terminals
- Kiosks
- POS
- Branch, Office, and Retail

Indicators

- **Cellular connectivity**
- **WAN connectivity**
- **LAN 1**
- **LAN 2**
- **LAN 3**
- **Cellular signal indicator**

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For more information please email info@ventusgns.com
or call **866.949.9994**