

VPN Concentrator

8256 – Mk 2



Applications

- Central site and remote site encrypted communications
- Protected exchange of information between sites.
- Ideal for IoT data transfer
- Central VPN hub for distributed units
- Secure access for mobile workforce



The 8256 provides a high performance central site VPN Concentrator. An easy to use system makes creating VPNs easy to add remote devices

Secure VPN Concentrator

- Up to 200 VPN Tunnels
- All types of data transfer over the tunnels

Instant VPN Configuration Tool

- Simple one step VPN Configuration
- Easy to establish connections

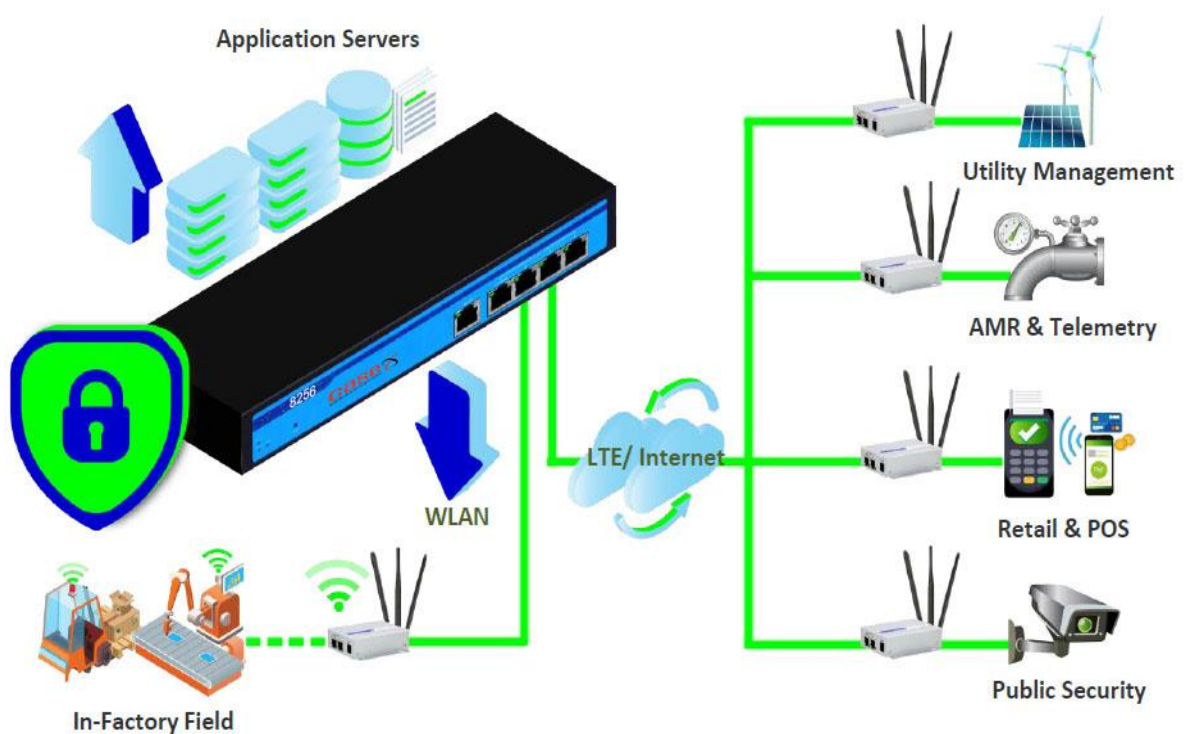
Central Management

- Direct access to all connected devices
- Auto-list of serial or IP Devices

Internet and Private Cellular Networks

- Simultaneous dual WAN Connections
- Support of a Private IP address in a LTE Network

FACT SHEET



VPN Concentrator

8256 – Mk 2



Specification Summary

Interfaces

- **Ethernet:** 5 x RJ 45 Gigabit

WAN and Uplink

- **WAN:** Dual WAN ports, Policy Load Balancing
- **Ether-WAN:** Dynamic IP, Static IP, PPPoE, PPTP, L2TP

Protocols

- **LAN & VLAN:** Multiple DHCP Servers, DHCP Options, Port / Tag based VLANs
- **IPv6:** Dual stack, Static IPv6, DHCPv6, PPPoEv6
- **Port Forwarding:** Virtual Server, Virtual Computer, IP/Domain Translation
- **Routing:** Static, Dynamic – Rip1 / Rip2, OSPF, BGP, Routing Information
- **Redundancy:** VRRP Device Redundancy

Status

- **Dashboard:** System Info, Network Traffic
- **Network Status:** WAN & LAN Connection info
- **Security:** VPN Tunnel Status & Overview, Firewall Rule List
- **Administration:** SNMP, Network Access and User Login records, Local Host Information
- **System Information:** Display Kernel Version, FW Version, CPU & Memory Usage

Security

- **Secure Tunnel:** IP Sec, Open VPN PPTP, L2TP, GRE
- **Scenario:** Instant VPN Setup, Site/host to Site/ Host VPN Bridge, Tunnel Connectivity, TAP / TUN Mode (suggest 32 Tunnels), Dynamic VPN (suggest 200 Tunnels)
- **Firewall:** Stealth Mode, IPS
- **Access Control:** Packet Filter, URL Blocking, MAC Control

Administration

- **Configuration:** Web UI, CI Command Script
- **Management:** SNMPv3 & Proprietary MIB
- **System:** Upgrade, Backup & Restore, Reboot & Reset, Syslog
- **Diagnostic:** Diagnostic Tools

Service

- **Event Handling:** Customised Management / Notification events; e-mail, syslog, SNMP Traps
- **Network Service:** dynamic DNS, System Time Sync

Object:

- **Scheduling:** System Reboot – On/ Off
- **Grouping:** Host Grouping List
- **Ext. Server:** E.Mail, Sys Log, RADIUS, SCEP, FTP.
- **Security Certificate:** My certificate, Trusted Certificate, Issued Certificate

Environment

- **OP/ Storage Temperature:** 0C ~50C, -40C~85C
- **Humidity:** 10% ~ 95% (non-condensing)
- **Housing:** Metal
- **Dimensions:** (L x W x H):300x160x41mm (w/o Mounting kit)

Certificates

- **Standards and Regulations**
- **EM:** EN55032:2015+AC:2016 ClassB, EN61000-3/-6
- **EMS:** EN55024, IEC 61000, EN61000-6
- **Safety:** EN 60950-1, EN 62368-1

Package Accessories

- 1 x 8256
- 1 x Power Adapter DC 12v / 2A
- 1 x DC User Manual
- 1 x RJ 45 Cable

Front View



Rear View



FACT SHEET