SEVIO

R600

Real-time setup
- SEVIO Portal, the dedicated WEB application for real-time remote management and configuration of Sevio routers
- Sevio Router web interface, accessible locally via Ethernet, Wi-Fi, or remotely with an active VPN connection
- Offline configuration via USB key, to configure Sevio Routers that are not reachable

Multi-VPN Services
- Simultaneous access to remote networks via Realm VPN
- Access to a specific automation network via Layer 2 VPN

Firewall
- Isolation between the installation site network and the automation network: network segmentation, no IP conflicts
- Local routing functionality between networks through multi-transit rules
- Reporting of remote Operator access to the automation network
- Intra-LAN functionality: enables VPN communication between remote automation networks

Access point
- Authenticated local access to the automation network via PCs, tablets, smartphones
- Internet connectivity to connected devices
- SSID hiding from available network list

Uplink
- Installation site wired Network
- Installation site Wi-Fi Network or via Mobile Hotspot
- Mobile networks via Sevio M100
- Proxy with authentication
- Configurable interface metrics
- Simultaneous use of network interfaces

Display
- Display of settings and status parameters
- Active monitoring of VPN connection status

Digital I/O
- Digital inputs for VPN connection inhibition or Operator access
- Digital outputs for monitoring VPN connection or Operator access signaling

Gigabit Switch
- 5 Gigabit Ethernet ports
- DHCP Server with IP address pool management
- Disabling of unused Ethernet ports
- Internet connectivity to the automation network

USB Ports
2 USB 2.0 ports dedicated to:
- Sevio M100 connection
- Offline Configuration management

Troubleshooting
- Automated procedure to detect any connectivity issues to the Sevio infrastructure during installation
- Automation network analysis tools, accessible remotely via web interface
- Real-Time monitoring of system resources and internal temperature through web interface

Certifications
- CE RED
- UL /cUL Listed, file #E517537
- FCC 47 cfr part 15
- CAN ICES-3 (A)/NMB-3(A)
- RoHS, Reach

Technical Specifications

Power Supply	12 to 48 Vdc | redundant power supply | polarity inversions protected
Digital Input	5 to 58 Vdc | 2 digital input overvoltage | overcurrent and short-circuit protected
Digital Output	5 to 58 Vdc | 2 digital output overvoltage | overcurrent and short-circuit protected
Display	TFT LCD 128x128 dots, 65K colors
WAN interface	1 RJ45 Ethernet Port 10/100 Mbit/s | DHCP Client or static IP | Auto MDI/MDI-X
LAN interface	5 RJ45 Ethernet Ports 10/100/1000 Mbit/s | DHCP Server | Auto MDI/MDI-X
Wi-Fi Radio interface	IEEE 802.11b/g/n 2.4 GHz | Access Point or Client
Security protocols	WPA2-PSK
Frequency Bandwidth/s	2412MHz - 2472MHz
Antenna connector	RP-SMA Female connector
Firewall Rules	IP Forwarding | NAT | Port Forwarding | Proxy | IP Filtering
VPN Tunneling	OpenVPN
Outbound connections	1194 TCP/UDP port for OpenVPN connection
	53 TCP/UDP port for DNS resolution
	123 UDP port for NTP synchronization
Configuration	Web Application | web Interface | Offline configuration via USB Key
Maximum dimensions	173 x 146 x 43 mm (H x D x W) with 35 mm antenna (included)
Operating temperature	-20 °C to 55 °C
IP Protection degree	IP30
Mounting	DIN Rail 35 mm
Weight	400 g
Enclosure	Aluminum
Regulations	CE RED, compliance with Directive 2014/53/EU
	UL listed for USA and Canada, file number #E517537
	FCC 47 cfr part 15, CAN ICES-3 (A)/NMB-3(A)
	RoHS, Reach
Warranty	2 years