



R200

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 user access to the automation network
- Intra-LAN functionality: enables VPN communication between remote automation networks

Uplink

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

Digital I/O

- Digital inputs for VPN connection inhibition or Operator access
- Digital outputs for monitoring VPN connection or user access signaling

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 30 Vdc polarity inversions protected
Digital Input	5 to 30 Vdc 2 digital input overvoltage overcurrent and short-circuit protected
Digital Output	5 to 30 Vdc 2 digital output overvoltage overcurrent and short-circuit protected
WAN interface	1 RJ45 Ethernet Port 10/100 Mbit/s DHCP Client or static IP Auto MDI/MDI-X
LAN interface	1 RJ45 Ethernet Ports 10/100 Mbit/s DHCP Server Auto MDI/MDI-X
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	95 x 115 x 32 mm (H x D x W)
Operating temperature	-20 °C to 65 °C
IP Protection degree	IP30
Mounting	DIN Rail 35 mm
Weight	300 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

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