

Insta SafeLink Confidential™

Secure communications solution developed in Finland to protect classified communications in defence, government and critical infrastructure environments. Quantum-safe design secures your data today and in the post-quantum future.

Finnish Security Level Confidential (TL III)
NATO RESTRICTED
EU RESTRICTED





Technical specifications

IPsec VPN

- ML-KEM and ECDH in hybrid mode
- Multicast over IPsec
- 256-bit AES/Serpent encryption and SHA2 integrity protection
- VPN authentication
 - X.509v3 RSA/ECC certificates
 - IKE Pre-Shared Keys
- Automatic Tunnel Establishment

Routing

- Static
- OSPF, BGP
- PIM-SM, PIM-SSM
- IGMPv2/v3

Quality of service

- Differentiated services (DSCP)
- Guaranteed and maximum bandwidth per class

Other protocols

- VLAN (802.1Q)
- SNMPv2c
- Syslog
- DHCP
- NTP

VPN throughput

- 100 Mbps
- 1 Gbps
- 10 Gbps

General

- Dimensions: 430 mm (19") x 44 mm (1U) x 270 mm (w., h., d.)
- Weight: 4,9 kg
- Power source: 100–240 VAC, 18–36 VDC
- Power consumption: 40 W
- TEMPEST IASG 7-3 / NATO SDIP-27 Level A

- 4 x SFP+
- 4 x RJ45
- 1 x USB-A
- 2 x smartcard reader
- 1 x Abloy lock

- Power source 240 V and 24 V
- 240 V and 24 V fuse
- 3,6 V battery
- Kensington lock slot



FRONT PANEL



BACK PANEL