

**iNSTA**

# Insta SafeLink Secret™

Ultimate security with  
high performance

 [insta.fi/safelink](https://insta.fi/safelink)



# Insta SafeLink Secret™



## Protects SECRET level data

The most advanced IP encryption device on the market allows for protecting secret level data. Encryption device, representing state-of-the-art Finnish technology, has been developed to secure communications for authorities and companies who require a high level of information security.



### HIGH LEVEL DATA SECURITY

- Designed according to FIPS 140-3 Level-3
- HW based red-black separation
- Uses quantum safe algorithms as a default
- System level security: strong user authentication, secure key management, and active intrusion prevention

### MARKET LEADING PERFORMANCE

- 10 GBit/s encryption speed to support growing need for the data transfer
- Native multicast to support low bandwidth connections to the multiple receivers

### COMPLETE SOLUTION

- Compatible with Insta SafeLink product family
- Key management system (KMS), Network orchestrator (NEO), Log and alarm management, optionally CA solution

### EASY TO MAINTAIN

- Remote configuration, key and firmware updates
- Maintenance services available for minimum 10 years

## Insta SafeLink Secret™ technical specifications

### IPsec VPN

- HW based red-black separation
- Multicast over IPsec
- Quantum secure encryption algorithms
- Remote management

### Routing

- Static
- OSPF
- PIM-SM/PIM-SSM
- IGMP

### Network

- RED: 2 x SFP+ 10Gbps + 4\*1Gbps RJ45
- BLACK: 2 x SFP+ 10Gbps
- Performance max 10 Gbps

### General

- Dimensios: 428 mm (19") x 43,4mm (1U) x 399mm (w., h., d.)
- Weight: 7,1 kg
- Power source: 100-240 VAC, 18-36 VDC
- Power consumption: 150W




### Other

- IPsec VPN compatible
- VLAN (802.1Q)
- SNMPv2c
- Syslog
- NTP / Secure NTP
- Always-on tamper monitoring
- OLED display with self-diagnostics and status display

## Insta SafeLink product family

A scalable, highly secure IP encryption solution protecting critical data transfers. Product is designed and manufactured in Finland - encryption keys, configurations, and users, and for lifecycle management.

The product family also includes comprehensive management systems for creating encryption keys, configurations, and users, and for lifecycle management (Insta SafeLink NEO and Insta SafeLink KMS).

	 Insta SafeLink Confidential™	 Insta SafeLink Lite™	 Insta SafeLink Secret™
Multiple users	●		●
Remote management	●	●	●
MIL STD 810G		●	
High availability	●		●
End device authentication & authorization (802.1X)	●	●	
Security classification	CONFIDENTIAL (NCSA-FI, TL III)	CONFIDENTIAL (NCSA-FI, TL III)	SECRET (NCSA-FI, TL II)
International approvals	NATO-R and EU-R	NATO-R and EU-R	In process
Multicast	●	●	●
Performance	10Gb/s	100Mb/s	10Gb/s
Available as a service	●	●	●

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