



Secure LinkSM

neeve

Product
Data Sheet

The Secure Link provides a robust solution for OT cybersecurity and zero-trust remote access. It leverages the same cloud-management tools as our Secure Edge products, giving you all the same benefits of simplified centralized user and network management, but in a smaller form-factor. This combination makes an affordable solution for customers that need OT security, but don't need to deploy edge applications or to support a large scale installation with multiple networks and hundreds of endpoints.

The Secure Link is suitable for use cases such as:

- Securing and remotely managing single building system or equipment.
- Providing remote access to sites during commissioning and construction.
- Securely streaming data from a BMS or other OT system to the cloud for insights and automation

One Secure Link appliance is sufficient for a building, but is limited in the endpoints (devices or applications) for remote access and security.



LIMITATIONS

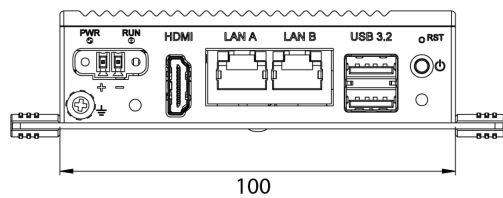
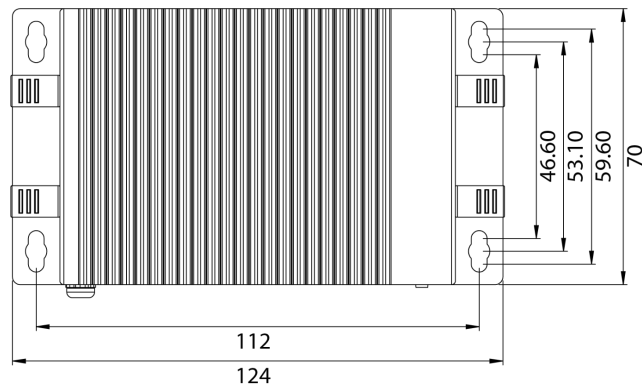
- Support for up to 2 LANs and 15 endpoints
- Up to 5 concurrent remote access users
- No support for edge applications due to limited compute and memory resources
- Not suitable for high-availability and edge-clustering configurations

Hardware Specifications

The Secure Link appliance is provided as a managed service on subscription basis. The device specifications are below, but may be subject to change based on hardware availability.

DIMENSIONS & PORTS

Units = mm



NOTE: The Secure Link product is in preview release for early field trials with customers. Any commitments on pricing will be honored, but hardware and offerings may change.

INCLUDED WITH HARDWARE

- (2) RJ45 Ethernet cables 3ft
- (1) 30V Power supply
- (1) Power cord North America & Taiwan 6 ft
- (1) Power cord UK 6 ft
- (1) Power cord EU 6 ft
- (1) Power cord Australia & China 6 ft
- (1) Optional LTE module with pre-installed SIM supporting over 175 countries and over 400 carriers.



Hardware Specifications

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GENERAL

Dimensions (W x D x H)	100 x 70 x 30 mm/3.9 x 2.8 x 1.2 in
Weight (Net)	0.5 kg/1.1 lb
Enclosure	Aluminum
Power Requirement	10 ~ 30VDC
Power Consumption	12W (typical), 30W (max.)
Operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F) with 0.7m/s airflow
Storage Temperature	-40 ~ 85 °C /-40 ~ 185 °F
Ingress Protection	IP30

SYSTEM HARDWARE & INTERFACES

Hardware Security	TPM2.0
LAN Ports	2 x RJ45, 10/100/1000 Mbps 1000BASE-T Fast Ethernet
USB Ports	2 x USB 3.2 <i>(use for external storage disabled for security)</i>
Display Output	1 x HDMI (1920 x 1080 @60Hz)
Power Connector	1 x 2-pin terminal block
Power Adapter	107.95 x 57.15 x 31.75 mm/4.25 x 2.25 x 1.25 in
LTE Module (optional)	<p>Quectel EG25-GL Mini PCIe - IoT/M2M-optimized LTE Cat 4 Module Worldwide LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage</p> <p><i>Frequency Bands:</i> LTE-FDD B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66 LTE-TDD B34/38/39/40/41 WCDMA B1/2/4/5/6/8/19 GSM/EDGE B2/3/5/8</p> <p><i>Max Data Rates:</i> LTE-FDD (Mbps) 150 (DL)/50 (UL) LTE-TDD (Mbps) 130 (DL)/30 (UL) DC-HSPA+ (Mbps) 42 (DL)/5.76 (UL) WCDMA (kbps) 384 (DL)/384 (UL) EDGE (kbps) 296 (DL)/236.8 (UL) GPRS (kbps) 107 (DL)/85.6 (UL)</p> <p><i>Regulatory Certifications:</i> Global: GCF, EU: CE, NA: FCC, UK: UKCA, CA: IC, TW & CN: NCC, US & NZ: RCM</p>

Multi-carrier Connectivity

Neeve devices with the optional cellular connectivity come pre-installed with a multi-carrier enabled SIM from Advantix (<https://advantixsolutions.com/smartsim/>) that connects to 6 domestic carriers – AT&T, Verizon, T-Mobile, Cellular One, Union and US Cellular– in the U.S., and 470+ providers globally. These SIMs provide a host of benefits that make them superior to a single-carrier solution.

Flexible - All contracts and billing is month to month, so you can easily change plans or deactivate cards whenever with no penalties

Reliable - The multi-carrier support means that the SIM will automatically select the network with the best signal for every location, regardless of provider. So for example, locations with poor Verizon connectivity will automatically use T-mobile or ATT.

Resilient - The multi-carrier support is dynamic, so if a carrier's service goes down the SIM will automatically shift to a new carrier. This reduces risk for downtime and ensures better performance.

Simple - For national and global deployments there is no need to manage multiple providers and multiple SIM types, everything is available in a single unified portal.

Cost Effective - All data plans are pooled, so there is no need to overpay for unused bandwidth just to ensure you can cover occasional spikes in usage.

Secure - SIMs are pre-installed in a tamper-resistant case, making them more difficult for malicious parties to remove if they get access to the device.

Multi-carrier Connectivity (Optional)

Customers purchasing the cellular option will need to sign-up with Advantix for connectivity. For more details visit <https://advantixsolutions.com/smartsim/>

In their base pricing Advantix supports all major countries and the carriers listed below. Secondary and tertiary countries are supported, but outside of standard pricing models and must be negotiated directly with Advantix.

Albania: Vodafone Albania, Eagle Mobile (sub-LTE speeds), AMC

Andorra: Mobiland

Armenia: UCOM (Orange), ArmenTel

Australia: Optus, Telstra MobileNet, Vodafone

Austria: A1, T-Mobile, Hutchison Drei Austria

Belarus: BEST, VELCOM

Belgium: Mobistar, Proximus, Base

Bulgaria: M-Tel Gsm, Vivacom, Globul

Canada: TELUS, Rogers Wireless, Inc., Bell Mobility, Inc

China: China Unicom, China Mobile

Croatia: Tele2, T-Mobile Croatia, VIPnet

Cyprus: CytaMobile, MTN

Czech Republic: O2, T-Mobile, Vodafone

Denmark: TDK-Mobil, Hi3G Access AB 2, Telia Mobile, Telenor A/S

Estonia: Telia, Tele2Eesti AS

Finland: Sonera, DNA, DNA networks Ltd

France: Bouygues Telecom, SFR, Free, Orange

Germany: O2, Vodafone, T-Mobile (Telekom Deutschland GmbH)

Gibraltar: Gibtel, Vodafone

Greece: Cosmote, Wind Hellas

Hong Kong: CWHKT, H3G Hong Kong

Hungary: Telenor, T-Mobile, Vodafone

Iceland: Siminn, Nova

Indonesia: Telkomsel, Hutchison 3 (sub-LTE speeds)

Ireland: Meteor, Vodafone, H3G

Israel: Partner IL, Pelephone, Cellcom

Italy: Telecom Italia, Vodafone, Iliad, Wind Tre

Japan: Softbank, DoCoMo, KDDI

Jordan: Orange, Zain

Kazakhstan: Mobile Telecom-Service LLP, Beeline

Korea: SK Telecom, KT

Kuwait: Zain, KTC, Wataniya Telecom

Latvia: Tele2, LMT Gsm

Liechtenstein: Telecom Liechtenstein

Lithuania: Orange, UAB Tele2, Omnitel

Luxembourg: Orange, POST

Macau: CTM

Malaysia: Maxis, Celcom, Digi Telecom

Malta: Vodafone Malta, Go Mobile

Mexico: Telcel, Telefonica Moviles Mexico, AT&T Comercializacion Movil

Montenegro: T-mobile

Myanmar: M.tel, Myanmar Posts and Telecommunications

Netherlands: KPN Telecom, T-Mobile NL, Vodafone

New Zealand: Vodafone New Zealand Ltd, Telecom Spark NZ, NZC

North Macedonia: ONE DOO Skopje, MobilMak, Vip Operator

Norway: NetCom, Telenor, Network Norway AS

Philippines: Smart, Globe Telecom

Poland: Orange, P4, T-Mobile, Plus Gsm

Portugal: Vodafone, Optimus

Puerto Rico: AT&T, T-Mobile, Puerto Rico Tele Company CLARO

Reunion: Orange

Romania: Orange Romania, Vodafone

Russia: MTS, MegaFon, Beeline

Saudi Arabia: Al Jawwal, Mobily, Zain MTC

Serbia: Telenor, Telekom Srbija (mts), Vip

Singapore: SingTel Mobile, StarHub

Slovakia: Orange, Telekom, Telefonica Slovakia, s.r.o.

South Africa: SI. Mobil, MTN, Vodafone

Spain: Vodafone, MasMovil, Orange, Telefonica

Sri Lanka: Hutchison Telecommunications

Sweden: Telia, Telenor, 3

Switzerland: Salt Mobile (Orange), Sunrise

Taiwan: Taiwan Mobile, Far EasTone, Chunghwa Telecom

Thailand: TH AIS, Real Future, Dtac

Turkey: AVEA, Vodafone, Turkcell

UAE: DU, Etisalat

Ukraine: Vodafone (MTS), Life:-), Kyivstar

United Kingdom: Vodafone, O2 UK, EE, Hutchison 3G, T-Mobile, JT Gsm

United States: Verizon, T-Mobile, AT&T, US Cellular, Union Telephone Company, Cellular One, Pulse Mobile LLC

Vietnam: Vms Mobifon, Vietnamobile (H3G), Viettel

Product Options

The Secure Link product is available in two options - Secure Link 5 and Secure Link 15. Both products include all the security and network functionality of our security products, but have limitations on the number of networks, endpoints, and concurrent users supported.

		SECURE LINK 5	SECURE LINK 15
LANs	LAN networks that can be onboarded into the system for a single edge device for management.	1	2
Secure Tunnels (SDWAN)	Secure tunnels from an edge to virtual private cloud for streaming data	1	1
Endpoints	Unique combination of endpoint device and port for remote access (e.g. BMS web UI on port 80 is 1 endpoint) for a single edge device	5	15
Simultaneous Users	Number of users that can login to endpoints on a single edge device at the same time.	3	5
LTE Module	An LTE module is available with the Secure Link 5 and 15 at an additional cost. Customers must sign up for Advantix connectivity.	Optional	Optional

Ordering Information

	Description	SKU
Secure Link	Hardware and software as a service. Available in 1 or 3 year term	SE-LINK5 SE-LINK15 SE-LINK5- LTE SE-LINK15-LTE
Secure Link - Virtual	Software as a service-only, available as VMWare, Azure, GCP and AWS images.	SE-VIRTUAL-LINK5 SE-VIRTUAL-LINK15

Optional Products

The base functionality of Neeve’s Secure Link appliance can be extended with a host of services and add-on products.

	Description	SKU
Pre-configuration	For customers with high-volume of bespoke site configuration such as static WAN, devices can be pre-configured in the factory prior to shipping.	SERVICES-PROSERVICES-PRECONFIG
Remote Access Agent Additional End Users License	License to enable end users to use a desktop or mobile agent to securely connect native applications to devices in a building. 10-pack license	SE-REMOTEACCESS-ENDUSER-ADDITIONALUSERS-10