ThruLink™ Series
High Capacity / High Capacity+

Encrypted Hardware VPN Transmission System


Product Description

ThruLink is a hardware VPN device that allows secure communications to be established over any standard, public or private TCP/IP network. ThruLink performs behind firewalls, NAT devices and through almost any other type of network configuration and offers encrypted communication for all IP protocols regardless of the type of traffic. When deployed, ThruLink provides a secure and encrypted tunnel for network communications that will not affect TTL, UPnP, VLAN information, broadcast, multicast, or any other traffic.

In addition to star-based applications, ThruLink supports mesh-based networks allowing direct connection without the need for central server authentication.
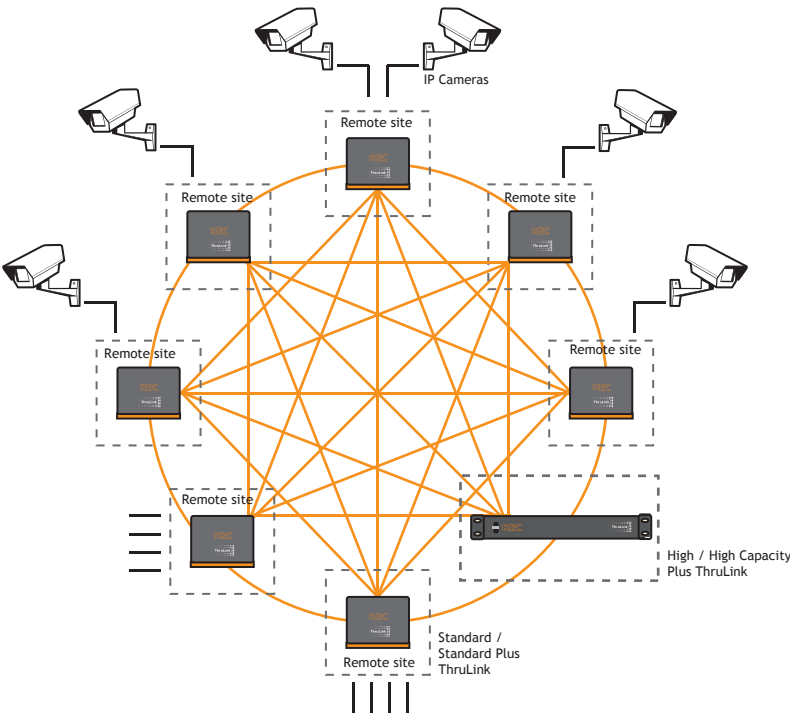
Product Features

- Provides secure and encrypted communication via tunnelling
- Rack mount style serve
- Easy to use GUI interface
- Eliminates the need to make network changes
- Failover functionalit
- Diagnostic tools: network traffic monitoring, basic traceroute and ping function
- DDNS, DHCP, SNMPv3

Typical System Configuration
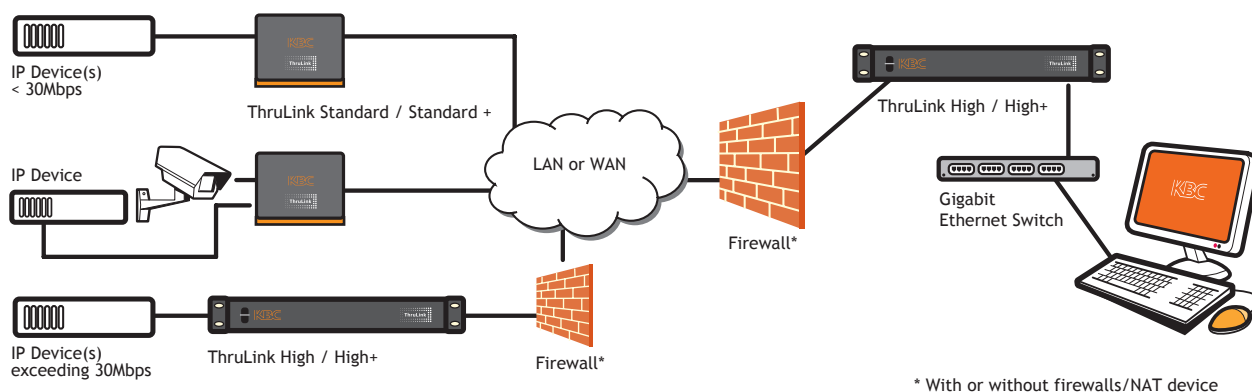
Meshed Configuration

ThruLink enables meshed networks to be established providing network redundancy and allowing direct connection without the need for central server authentication.
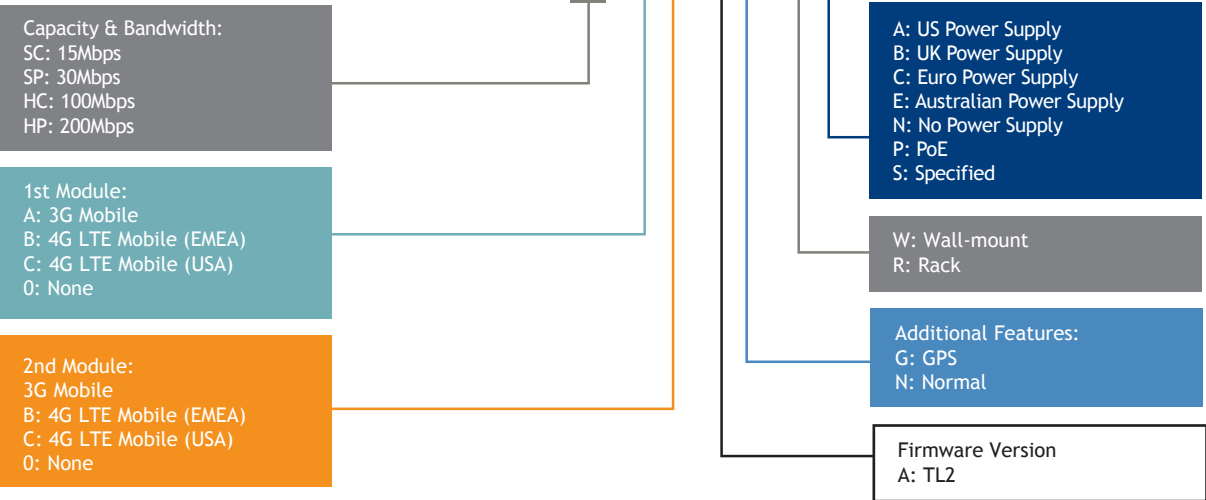

Specifications

ThruLink, High Capacity (HC) / High Capacity Plus (HP)

Throughput	High Capacity	100Mbps
	High Capacity Plus	200Mbps
Encryption		AES: 128/192/256bit
		Blowfish: 128/192/256bit
		Camellia: 128/192/256bit
		SHA1, SHA256[1]
		RSA: 2048
		FIPS[2]
Management		SNMP v2/3
User Interface		Web GUI

Environmental

Operating Temperature	+5˚~+ 35˚C /+41˚~+95˚F
Non-operating Temperature	-40˚~+ 70˚C /-40˚~+158˚F
Operating Humidity	0 to 95% non-condensing
Mean Time Between Failure (MTBF)	>100,000 hours
Dimensions[3]	394 x 437 x 44mm /
	15.5 x 17.2 x 1.7"
	19" rack-mountable 1U

Connectors

10/100/1000	2 x RJ45
Serial	DB9
Power	IEC

Part Number Configurator

THLK-HC-AA-AG-WB

Capacity & Bandwidth:
SC: 15Mbps
SP: 30Mbps
HC: 100Mbps
HP: 200Mbps

1st Module:
A: 3G Mobile
B: 4G LTE Mobile (EMEA)
C: 4G LTE Mobile (USA)
0: None

2nd Module:
3G Mobile
B: 4G LTE Mobile (EMEA)
C: 4G LTE Mobile (USA)
0: None

A: US Power Supply
B: UK Power Supply
C: Euro Power Supply
E: Australian Power Supply
N: No Power Supply
P: PoE
S: Specified

W: Wall-mount
R: Rack

Additional Features:
G: GPS
N: Normal

Firmware Version
A: TL2

1. Automatically set depending on encryption type used
2. Please contact us for FIPS compliant encryption library
3. Product body dimensions. Please contact KBC Networks for product drawing and dimensions of mount