

# ThruLink™

## Product Description

The KBC ThruLink™ series enables secure communications to be established over any standard, public or private IP network. ThruLink™ operates from behind firewalls and NAT devices; will operate through virtually any type of network configuration and can provide fully encrypted transmission if required. ThruLink™ is available in standard and high capacity configurations, where the standard capacity unit is supplied in an environmentally hardened format. When deployed the ThruLink™ devices provide a secure and encrypted tunnel for network communications that will not affect TTL, VLAN information, broadcast, multicast or any other traffic type.

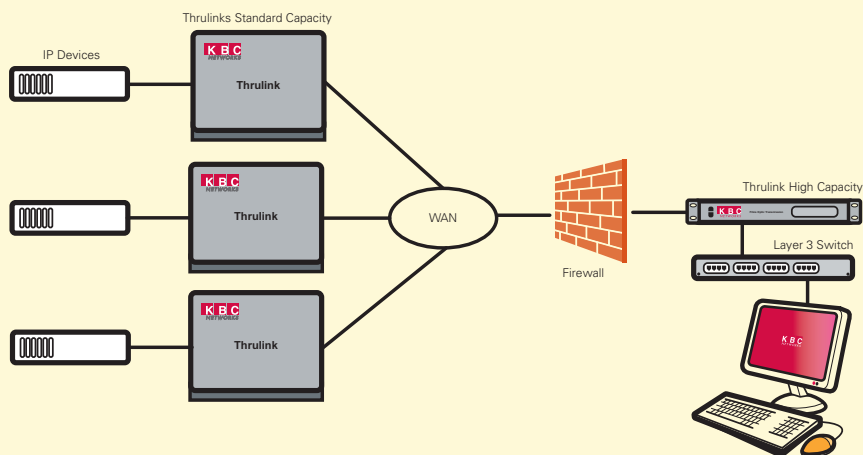
\*\* Bandwidths with encryption

## Product Features

- Provides secure and encrypted communication
- Dual LAN port module
- Easy to use GUI
- Optimized for video streaming
- Removes the need for network changes
- Industrial standard capacity unit
- Reduces network traffic
- Failover functionality to maintain link integrity



## Typical System Configuration



# Specifications

## STANDARD CAPACITY (WALL MOUNT)

Bandwidth	80Mbps unencrypted 30Mbps encrypted
Encryption	Blowfish 128, AES 128
Management	Internet, Telnet
User interface	Web GUI
Expansion	LPC bus for adding serial ports, ISA style I/O, GPIO, 12C bus, 2 mini PCI

## POWER

Power Input Wall mount	+12Vdc
Power Supply for Wall mount (1)	Input: 100~240Vac; Output: +12Vdc

## ENVIRONMENTAL

Operating Temperature	-33° ~ +83°C / -25° ~ +180°F
Storage Temperature	-40° ~ +85°C / -40° ~ +185°F
Operating Humidity	0 to 95% non-condensing
Mean Time Between Failure (MTBF)	> 100,000 Hours

## MECHANICAL

Dimensions (Wall Mount, L x W x H)	190mm x 165mm x 29mm
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## CONNECTORS

10/100	RJ45
Serial	DB9
Power	Jack socket or POE

## High Capacity – Rack Mount (THLK-H)

Bandwidth	650Mbps unencrypted 400Mbps encrypted
Encryption	Blowfish 128, AES 128
Management	Internet, Telnet
User interface	Front Panel LCD, Web GUI
Expansion	1 PCI Slot, USB

## FRONT PANEL FEATURES

I/O	(2) USB 2.0 Ports (on USB PCB)
LED Indication	HDD, warning/fail, (2) LAN, power, ID
Switch	Power, ID

## POWER

Power Input	95-240Vac, 50/60Hz
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## ENVIRONMENTAL

Operating Temperature	-5° ~ +35°C / -41° ~ +95°F
Storage Temperature	-40° ~ +70°C / -40° ~ +158°F
Operating Humidity	0 to 95% non-condensing
Mean Time Between Failure (MTBF)	> 100,000 Hours

## MECHANICAL

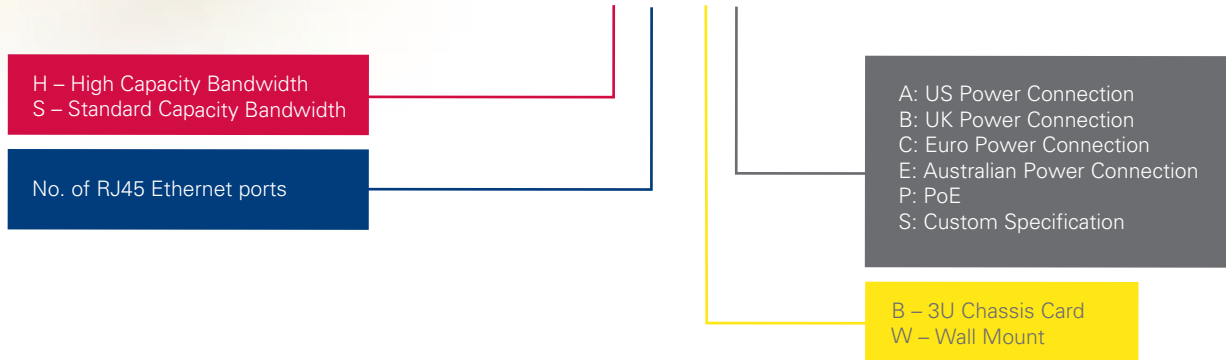
Dimensions (19" 1U, D x W x H)	394mm x 436mm x 44mm
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## CONNECTORS

0/100/1000	2 x RJ45
Serial	DB9
Power	IEC

# Part Number Configurator

## THLK-H1-RA



1. Please select the power plug from US Standard, Euro 2 Circular or UK 3 Pin square when placing order.

Due to ongoing technological improvements, product specifications are subject to change without notice.

