



Fiber Optic, Wireless and Network Transmission

ThruLink

High Capacity UDP/TCP Network Transmission System

Product Description

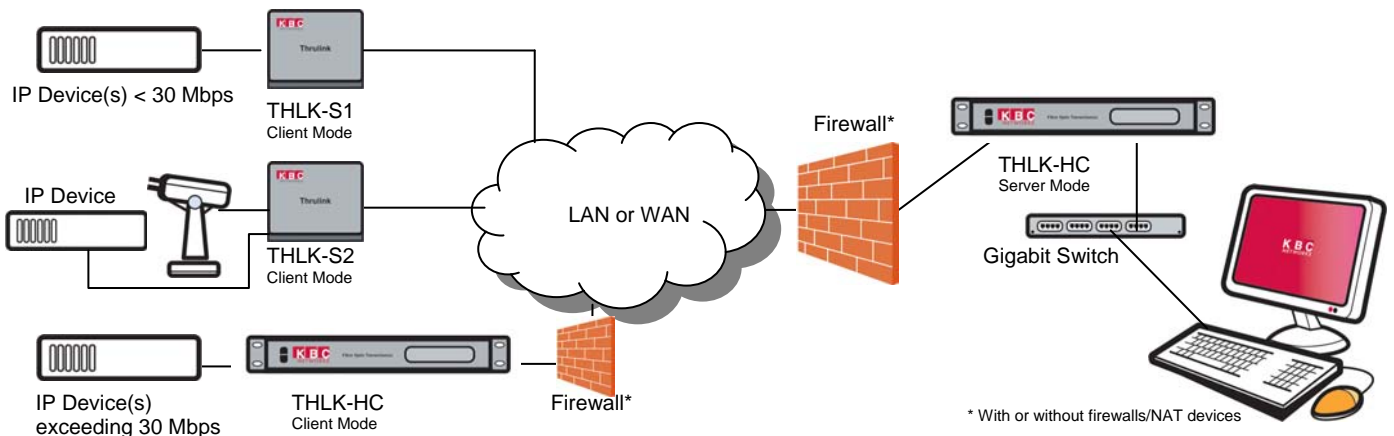
The KBC ThruLink High Capacity series provides secure communications to be established over any standard, public or private TCP/IP network. The ThruLink performs behind firewalls, NAT devices and through nearly any other type of network configuration. The system can also perform the same task while providing encrypted communication for all TCP/IP protocols regardless of the type of traffic. When deployed, the ThruLink devices provide a secure and encrypted tunnel for network communications that will not affect TTL, UPnP, VLAN information, Broadcast, Multicast, or any other traffic.



Product Features

- Provides secure and encrypted communication via tunnelling
- "At a Glance" Status Check display
- Rack mount style server
- Easy to use GUI interface allows integrators the ability to deploy network devices without disturbing the host network
- Eliminates the need to make network changes which could lead to additional network complexity or routing problems
- Optimized for constant video streaming
- Tunnelling prevents multicasting to every port on a network switch and subsequent network throughput minimization or crashes, or lowers switch requirements and added costs
- Failover functionality available for vital uptime requirements
- Web based GUI including diagnostic tools such as network traffic monitoring, basic traceroute and ping function

High Capacity System Configuration Example



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Version No. 090506

ThruLink Specifications

THLK-HC (HIGH CAPACITY- RACK MOUNT)

Bandwidth	650 Mbps unencrypted 400 Mbps encrypted
Encryption Management	Blowfish 128, AES 128
User Interface	Internet, Telnet
Expansion	Front Panel LCD, Web GUI 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 SUPPLY

EPS	12V, 300W
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SYSTEM COOLING

- (1) 12V, 40 x 40 x 28 mm fans
- (2) 12V, 40 x 40 x 56 mm fans
- Passive CPU Heatsink

ENVIRONMENTAL

Operating Temperature	5°C ~ 35°C / 41°F ~ 95°F
Non-Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	0 to 95% non-condensing

MECHANICAL

Dimensions w/Bezel	15.5" (D) x 17.2" (W) x 1.7" (H) 394 (D) x 436 (W) x 43.8 [mm]
Dimensions w/o Bezel	14.4" (D) x 17.2" (W) x 1.7" (H) 365 (D) x 436 (W) x 43.8 (H) [mm]
Enclosure	19" rack-mountable 1U chassis

CONNECTORS

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

Part Number Configurator

THLK-XX-XX

S- Standard Capacity Bandwidth
H- High Capacity Bandwidth

1- Single LAN Port
2- Dual LAN Port (Std Capacity Only)

A- US Power Supply
B- UK Power Supply
C- European Power Supply
E- Australian Power Supply
N- No Power Supply
P- PoE
S- Custom Specification

W- Wall Mount (Std Capacity Only)
R- Rack Mount (High Capacity Only)

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



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