



Fiber Optic, Wireless and Network Transmission

ThruLink

Standard Capacity UDP/TCP Network Transmission System

Product Description

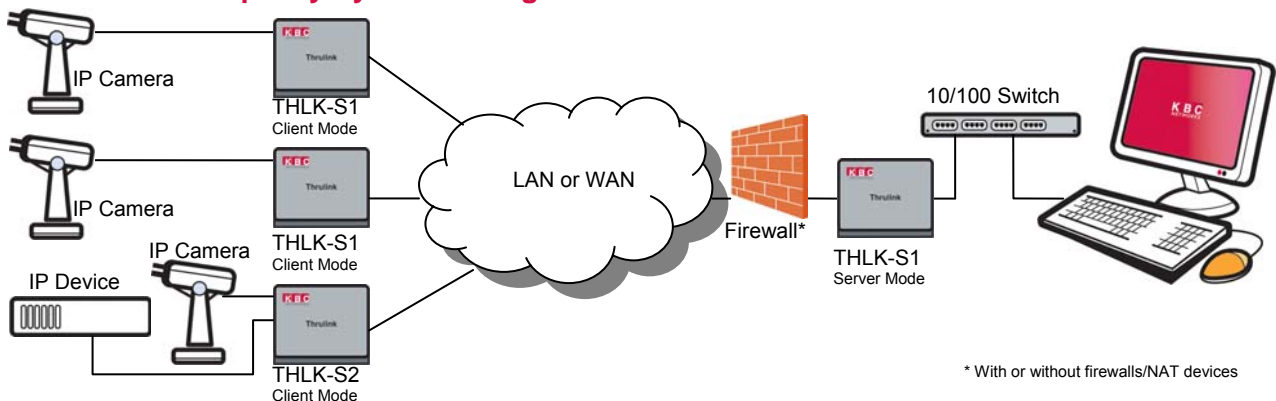
The KBC ThruLink Standard Capacity series provides secure communications to be established over any standard, public or private TCP/IP network. The ThruLink performs behind firewalls, NAT devices and through nearly any other type of network configuration. The system can also perform the same task while 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
- Dual LAN port model available reduces the need for a switch when connecting two LAN devices
- 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 and reduces switch requirements and added costs
- Failover functionality available for vital uptime requirements
- Temperature hardened nodes for unconditioned environments
- Web based GUI including diagnostic tools such as network traffic monitoring, basic traceroute and ping function

Typical Standard Capacity System Configuration



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Version No. 090506

ThruLink Specifications

THLK-S (STANDARD CAPACITY- WALL MOUNT)

Bandwidth	80 Mbps unencrypted 30 Mbps 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

THLK-S	+12Vdc, power supply 100~240VAC
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ENVIRONMENTAL

Operating Temperature	-25° ~ +180°F / -33° ~ +83° C
Operating Humidity	0 to 95% non-condensing

MECHANICAL

Dimensions	7.5"W x 6.5"D x 1.125H 19.05mm x 16.51mm x 2.86mm
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CONNECTORS

10/100	2 x RJ45
Serial	DB9
Power	Jack socket or PoE

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- Euro Power Supply
E- Australian Power Supply
N- No Power Supply
P- PoE
S- Specified

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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