



### Product Description

The KBC 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.

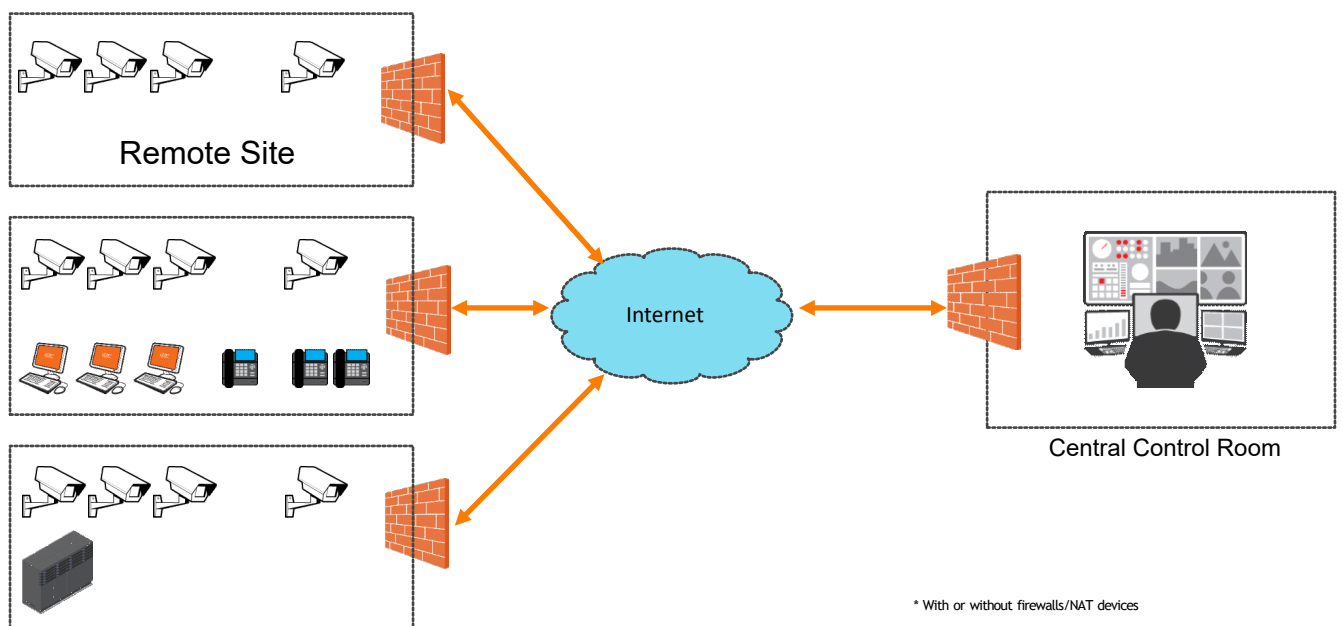


### Product Features

- Encrypted communication up to 256bit via tunneling
- Throughput: Standard: 15Mbps, Standard Plus: 30Mbps
- Optimized for video
- Supports mesh applications - no central server requirement
- Multiple failover
- Simple installation
- Easy-to-use graphical user interface
- No need to make network changes
- No licensing or special software required

- Diagnostic tools: network traffic monitoring, basic traceroute and ping function
- IPv4 and IPv6 support DHCP
- PoE supported on WAN port (PD device)
- Secure encrypted certificate based connection (RSA)
- DHCP service on LAN port (optional)
- Built to perform in non-conditioned environments
- Supports RS-485 data transmission

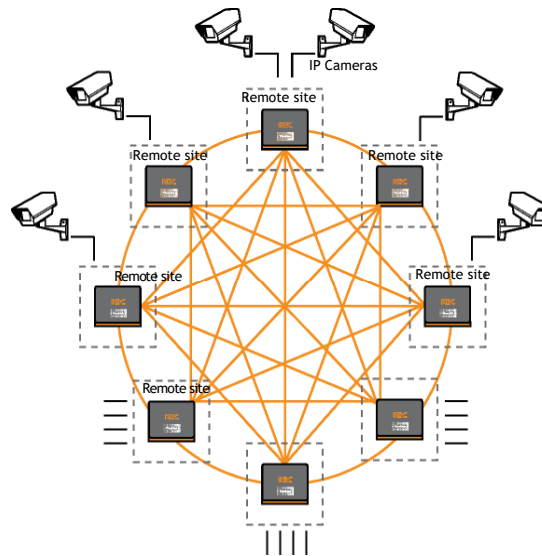
### Typical System Configurations



\* With or without firewalls/NAT devices

## 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, Standard (SC) / Standard Plus (SC)

Throughput	Standard	15Mbps	<b>Environmental</b>	Operating Temperature	Standard temp	-40 ~ +70°C / 14 ~ 158°F			
	Standard Plus	30Mbps			Extended <sup>(6)</sup>	-40 ~ +85°C / -4 ~ 185°F			
Encryption	AES: 128/192/256bit Blowfish: 128/192/256bit Camellia: 128/192/256bit SHA1, SHA256 <sup>(1)</sup> RSA: 2048 FIPS 140-2 <sup>(2)</sup>		Operating Humidity	0 to 95% non-condensing					
				Mean Time Between Failure (MTBF)	>200,000 hours				
					Dimensions <sup>(3)</sup>	190 x 165 x 29mm / 7.5 x 6.5 x 1.125			
						<b>Connectors</b>	2 x RJ45 <sup>(4)</sup>		
							Serial	DB9	
Management User Interface	Web GUI		Power	Jack socket or PoE					