TAPstack Series - Cost-Effective Family of TAP to improve network visibility in less space

TAPSTACK SERIES

The TAPstack Series is a family of Passive and Secure Fiber Optic and Active Copper TAPs. TAPstack is designed to enable rapid, effective access to live traffic traversing high-speed optical fibre networks links for network monitoring, analysis and cyber-security applications.

TAPstack provides network operators with the ability to rapidly and effectively deploy analysis tools to observe and monitor high-speed optical networks.

TAPSTACK HIGH DENSITY COPPER TAP

The TAPstack High Density Copper is 8x10/100/1000 Ethernet Tap that provides easy 24 x 7 access to your 10/100 and Gigabit Ethernet network segments, making it an ideal network tap for troubleshooting Ethernet networks or for security monitoring applications, where you need non-intrusive, dedicated access to your network.
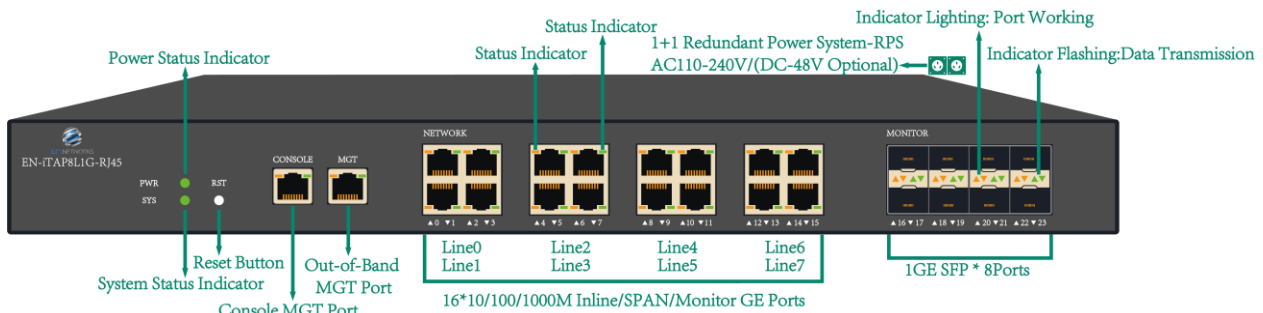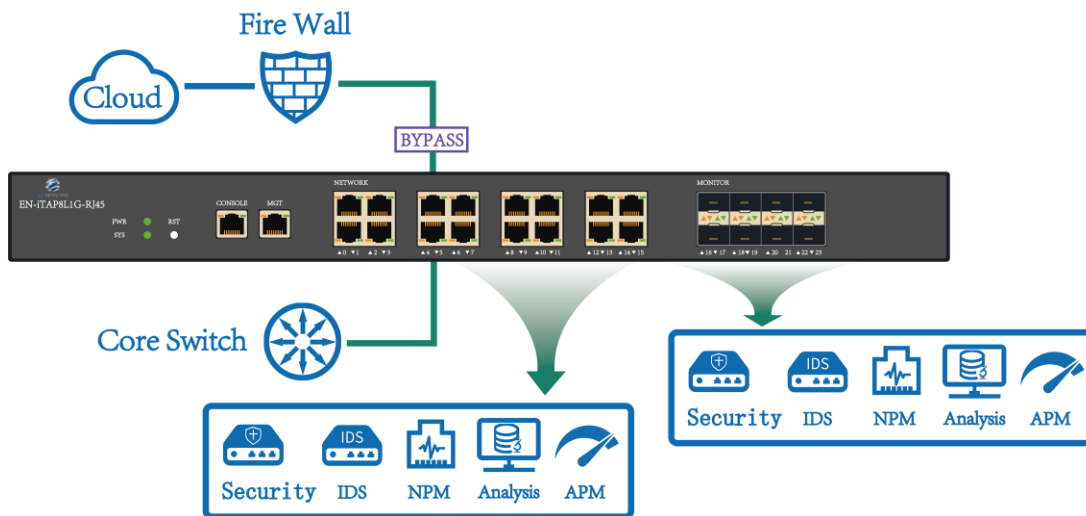
Main Features

Standard Network TAP (Online Monitor)

Tap is inserted inline (Network ports A and B) and will collect traffic from a network link and allow you to monitor the data traffic into duplex output Monitor AB.

Intelligent Bypass/Failsafe

EN-iTAP8L1G-RJ45 comes with a built-in smart BYPASS function that supports Link-Reflect & Link-SafeSwitch mode but not only on power failure, and it also has a unique port state monitoring technology to provide port Link state to your network equipment.
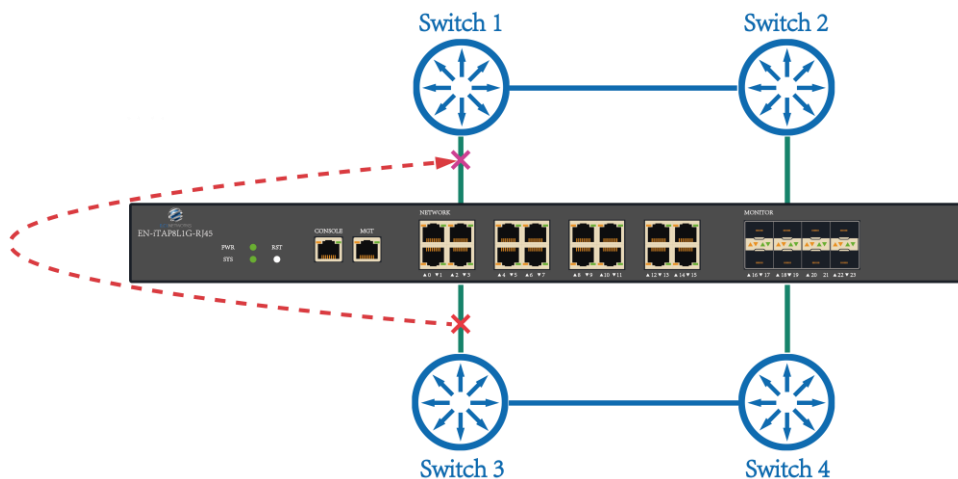

Link Data Aggregation

Tap is inserted inline (ports A and B) and will collect traffic from a network link and automatically combine it into a single output Monitor AB. With One monitoring port (Monitor AB), you can have one copy of that aggregated data.

SPAN Data Replication

For additional flexibility, the network ports can also receive traffic from an external mirror or SPAN port or another tap, providing you with the ability to replicate a link or add other traffic into a single output port.
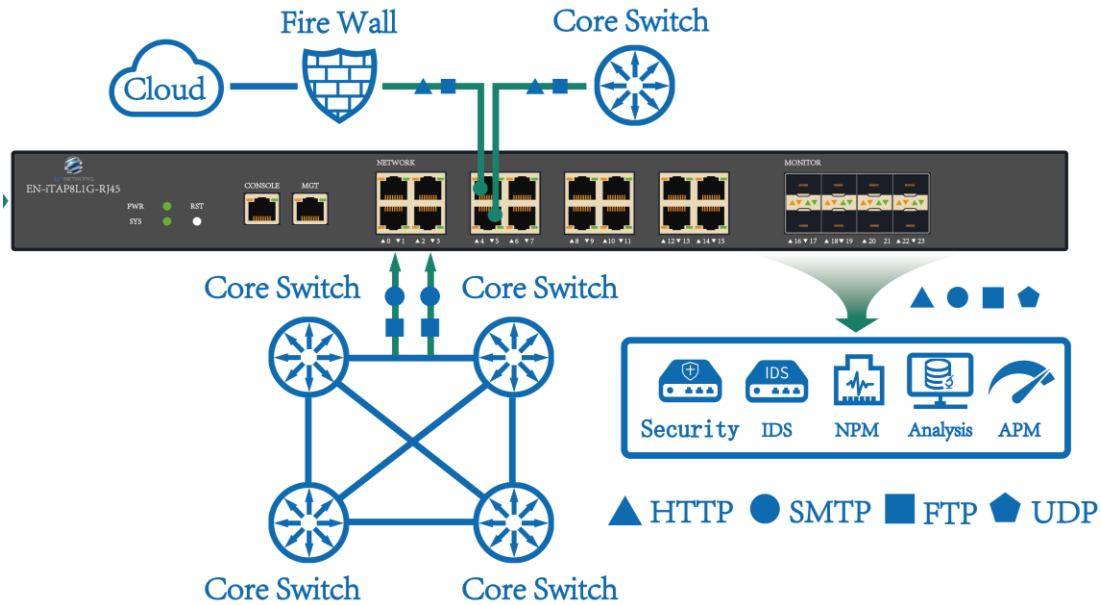
OTHER FEATURES

- Creates an exact copy of the bi-directional network traffic, including packets with errors.
- No configuration required; Integrates into your cabling infrastructure
- Easily connect to all of your Network Tools!
  - Lawful Interception
  - Data Leakage Prevention
  - An Intrusion Detection & Prevention Systems
  - Analyzers, Sniffers, Probes, Compliance

TECHNICAL SPECIFICATIONS

TAPStack Intelligent Bypass Network TAP(PN: EN-iTAP8L1G-RJ45)		
Interface Type	Network Port	Sixteen (16x) 10/100/1000Base-T Network ports (RJ45)
	Monitor Port	Eight (8) SFP Based Aggregated Port AB (RJ45)
Function	SFP Slots	8x GE SFP ports, support 1G Optical/Electrical Transceiver Module
	Line speed process capability	24Gbps
	Traffic replication / aggregation / distribution	support
	In-line mode and SPAN monitoring	support
	Traffic Aggregation	support
	BYPASS Function(Inline mode)	support
	BYPASS switch time(Inline mode)	< 50ms
	Network Side Delay	< 100ns
	Traffic Max Speed	1G
Electric	Power Supply	AC110-240V/DC-48V (Optional)
	Frequency	50HZ
	Current	AC-3A / DC-10A
	Power	100W
Environments	Work Temperature	0－50℃
	Storage Temperature	-20-70℃
	Work Humidity	10%-95%, No Condensation
Size	L(mm)*W(mm)*H(mm)	1RU 485mm*44.5mm*350mm

ORDERING INFORMATION

Part Number	Description
TAPstack TAPs 1G COPPER	
EN-iTAP8L1G-RJ45	TAPstack Copper TAP with Link Aggregation/bypass/ TAP with Eight 8x 10/100/1000 Network Link to Eidht 8xMonitoring ports (AB)

Notice:

E.C.I. Networks reserves the right to make changes to or discontinue any optical link product or service identified in this publication, without notice, to improve design and/or performance. Applications that are described herein for any of the optical link products are for illustrative purposes only.

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