

Copper Network TAPs

Portable TAPs for 10M/100M or 10/100/1000M (1G)
Network Monitoring and Troubleshooting.

DATASHEET



Gain the fast, in-depth visibility you need to manage the most complex copper network infrastructures. With failsafe technology, link failure propagation, and utilization rules and alerts, you can capture every packet in real time to help reduce downtime risks, lower security vulnerabilities, and ensure non-disruptive delivery of critical packets to your security and monitoring tools.

AVAILABLE TAP MODES

Breakout Mode

Compact and lightweight, portable breakout TAPs copy both directions of network traffic and then send the copies out the two separate monitoring ports.

Aggregation Mode

Aggregation TAPs combine multiple copies of network traffic out one monitoring port.

Bypass Mode

Bypass TAPs resolve the problem of an inline security tool creating a point of failure by “bypassing” the inline tool if it goes offline.

Filtering Mode

Filtering TAPs direct specific copies of network traffic to monitoring tools based on predefined rules.

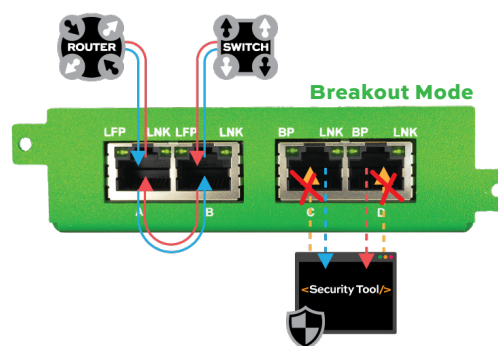
KEY FEATURES

- Copper network and copper and SFP monitoring ports
- 1U rack mount holds up to 4 portable TAPs
- 100% secure and invisible; no IP address, no MAC address, cannot be hacked
- Easy to configure with switches on back
- Passes physical layer errors
- Available in passive and fail-safe models
- Durable, metal chassis
- DC powered models
- Link failure propagation
- Hardware Data Diode for unidirectional traffic enforcement
- Optional link speed synchronization
- Supports Jumbo frames
- PoE (Power over Ethernet)
- Engineered, manufactured, and supported in the USA



Breakout TAPs

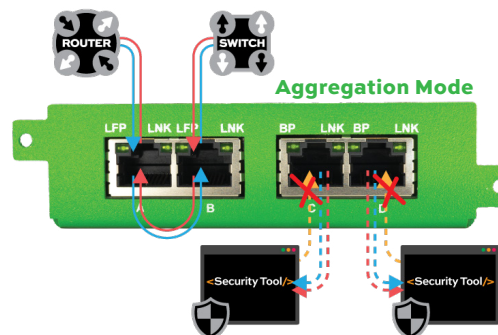
TAP 'Breakout' (often referred to as just TAP or TAP mode) is the most common function TAPs provide. 'Breakout' sends each side of traffic to separate monitoring ports. Ensuring that no packet is lost to high-priority monitoring tools.



Product Number	Network Speed	Network Ports	Monitor Ports	Failsafe	Power
PT100	10/100M	2 Copper-RJ45	2 Copper-RJ45	Passive	DC
P1GCCB	10/100/1000M (1G)	2 Copper-RJ4	2 Copper-RJ4	Failsafe	DC
P1GCCB-OT	10/100/1000M (1G)	2 Copper-RJ4	2 Copper-RJ4	Failsafe	DC
P1GCCBV2	10/100/1000M (1G)	2 Copper-RJ4	2 Copper-RJ4	Failsafe	DC

Aggregation TAPs

Aggregation merges both sides of the traffic streams into one monitoring port to reduce appliance costs or consolidate packet broker ports, often used in combination with filtering TAPs, (e.g. filter and aggregate data streams). Also supports Breakout and SPAN/Regen modes.

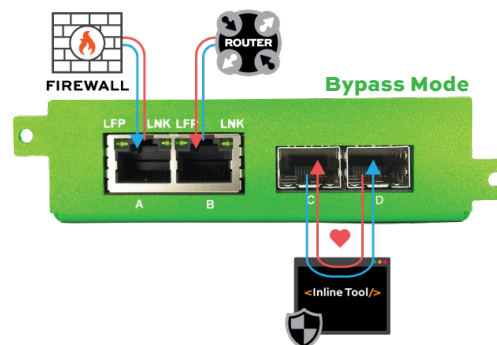


Product Number	Network Speed	Network Ports	Monitor Ports	Failsafe	Power
P100CCA	100M	2 Copper-RJ45	2 Copper-RJ45	Passive	AC
P1GCCAS	10/100/1000M (1G)	2 Copper-RJ4	2 Copper-RJ4	Failsafe	AC
P1GCSAS	10/100/1000M (1G)	2 Copper-RJ4	2 SFP	Failsafe	AC



Bypass TAPs

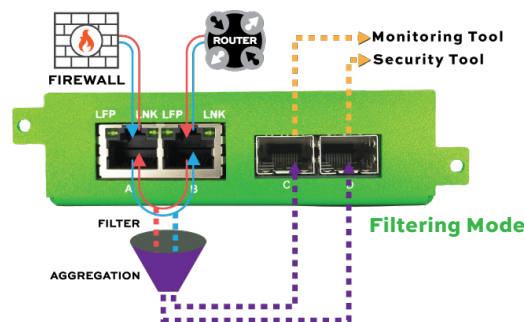
Bypass manages the availability of inline tools, preventing a single point of failure in the network by “bypassing” the device in the event it fails or needs to be updated. Reducing network downtime. Bypass is unique to the other TAP modes, because it is deployed with inline use cases.



Product Number	Network Speed	Network Ports	Monitor Ports	Failsafe	Power
Manual Programming					
P1GCCBP	100/1000M (1G)	2 Copper-RJ45	2 Copper-RJ45	Failsafe	DC
P1GCSBP	100/1000M (1G)	2 Copper-RJ45	2 SFP	Failsafe	DC
P1GCCBPPOE+	100/1000M (1G)	2 Copper-RJ45	2 Copper-RJ45	Failsafe	DC
P1GCSBPPOE+	100/1000M (1G)	2 Copper-RJ45	2 SFP	Failsafe	DC
Remote Management					
P1GCCBPE	100/1000M (1G)	2 Copper-RJ45	2 Copper-RJ45	Failsafe	DC
P1GCSBPE	10/100/1000M (1G)	2 Copper-RJ4	2 SFP	Failsafe	DC
P1GCCBPPOE+E	100/1000M (1G)	2 Copper-RJ4	2 Copper-RJ4	Failsafe	DC
P1GCSBPPOE+E	10/100/1000M (1G)	2 Copper-RJ4	2 SFP	Failsafe	DC

Filtering TAPs

Filtering, usually associated with network packet brokers, allows you filter specific data streams you want tapped and monitored. Filtering also prevents ports from becoming oversubscribed during aggregation. Another feature to help optimize the function of your tools and network. Also supports Aggregation and SPAN/Regen modes.



Product Number	Network Speed	Network Ports	Monitor Ports	Failsafe	Power
P1GCCFE	10/100/1000M (1G)	2 Copper-RJ45	2 Copper-RJ45	Failsafe	AC
P1GCSFE	10/100/1000M (1G)	2 Copper-RJ4	2 SFP	Failsafe	AC



Have Questions?

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