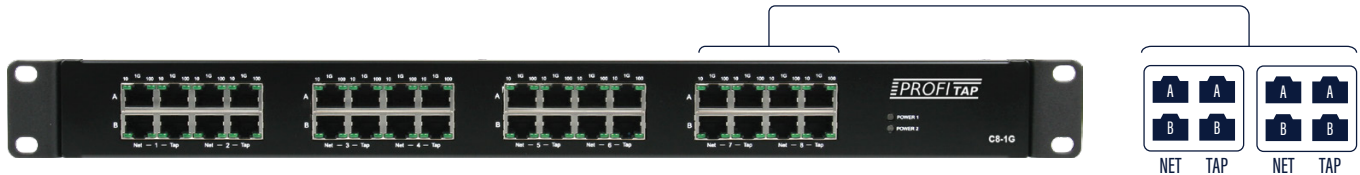


HIGH DENSITY GIGABIT ETHERNET TAP

MONITORING UP TO 8 GIGABIT ETHERNET NETWORK LINKS



The C8-1G High Density Gigabit Ethernet TAP is designed for the monitoring of up to 8 in-line links in a 1U rack space. It is the highest density solution on the market today. C8-1G is well established as the ideal solution for data centers, frequently used in conjunction with Network Packet Brokers.

The C8-1G seamlessly duplicates all in-line traffic at wire speed. It monitors all 7 OSI layers, and mirrors packets of all sizes and types, low-level errors, and VLAN traffic.

The C8-1G is 100% non-intrusive, has no IP address, and isolates monitoring devices from the network to ensure complete stealth and security at all times. Once in place, it allows monitoring devices to be connected and disconnected as desired, with no impact to the network link.

The C8-1G features redundant PSUs, allowing a second power supply to activate if the first were to fail. In case of complete power failure, the C8-1G guarantees that the link remains operational by instantly switching to a fully passive mode.

FEATURES

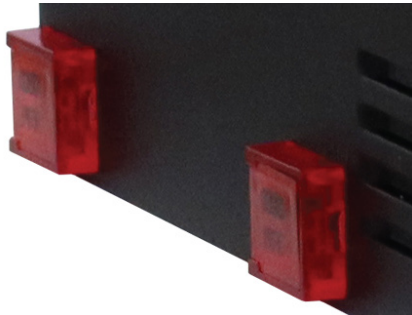
- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Fail-safe in-line design ensures uninterrupted network operation in case of power loss
- Monitoring of all 7 OSI layers
- No packet loss, no point of failure
- Data Diode function prevents any injection of data from the monitoring ports back into the network
- Fully 802.3af and VoIP compliant, PoE passthrough
- Power consumption inferior to 40W
- Supports link failure propagation (LFP)
- Redundant powering
- Serialized tamper-evident seals (optional)

LATENCY	1 Gbps	100 Mbps	10 Mbps
NET-NET	425 ns	700 ns	6000 ns
NET-TAP	425 ns	700 ns	6000 ns

SECURE DATA ACCESS

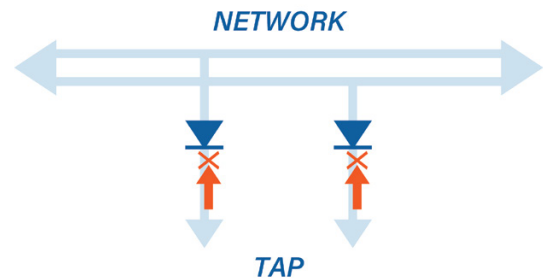
TAMPER-EVIDENT SEALS

The 8-Link Gigabit Copper TAP can be fitted with serialized tamper-evident seals on request. These seals ensure that the TAP has not been tampered with during transport or operation.



DATA DIODE

The Data Diode function prevents any accidental or malicious injection of data coming from the monitor ports from entering and disrupting the operational network. Data Diode adds an extra layer of security in deployments with security and monitoring tools.



TECHNICAL SPECIFICATIONS

CONNECTORS	32 x RJ45 8-pin — 2 x C14
LEDs	64 x Speed and Link Activity — 2 x Power
POWER SUPPLIES	2 x 100-240 VAC stabilized, 50-60Hz, 50W
OPERATING TEMPERATURE	0°C to 50°C
STORAGE TEMPERATURE	-20°C to 70°C
HUMIDITY	10 to 90%, non-condensing

DIMENSIONS (WxDxH)	440 x 260 x 44 mm 17.3 x 10.2 x 1.7 in
WEIGHT	3.6 kg — 7.94 lb
ENCLOSURE	Steel and Aluminum
ACCESSORIES	2 x C13 Power Cord
COMPLIANCE	RoHS — CE — FCC class A IEEE 802.3 — UL 62368-1

ORDER REFERENCES

High Density Gigabit Ethernet TAP

C8-1G

High Density Gigabit Ethernet TAP with Security Seals

C8-1G-S