

GIGABIT COPPER NETWORK TAPS

FOR COMPLETE AND ACCURATE IN-LINE MONITORING

Profitap Gigabit Ethernet TAPs seamlessly duplicate full-duplex 10/100/1000 Mbps traffic at wire speed. They provide monitoring devices with an accurate copy of the traffic with no impact on the network. They monitor all 7 OSI layers, and mirror packets of all sizes and types, low-level errors, and VLAN traffic. Profitap Copper TAPs are non-intrusive, have no IP address, and isolate monitoring devices from the network to ensure complete stealth and security.

1G COPPER TAP

C1R-1G

The foundation of the Profitap GbE Copper Series. A fully-featured, rack-mountable, in-line Gigabit Ethernet TAP.

PORTABLE 1G COPPER TAP

C1P-1G

With an enclosure designed with portability in mind, the C1P-1G can be easily transported and deployed on the field.

1G COPPER TAP WITH -48V POWERING

C1R-1G-48V

-48VDC has been the standard voltage in the telecom industry for decades. This model uses redundant -48VDC powering, making it the ideal TAP to be placed in telecom environments.

1G COPPER TAP WITH BATTERY BACKUP

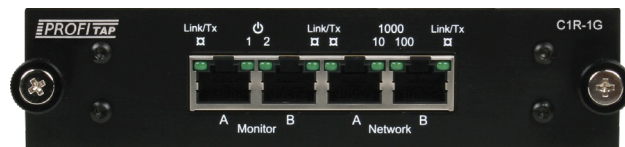
C1R-1G-BAT

Fitted with a battery backup, this model is especially suited for highly sensitive networks, as it fully prevents network disruptions in case of power failure.

1G REPLICATOR TAP

C1-1G-RG2

In certain situations, it may be useful to set up more than one monitoring system on a single link. To facilitate this task, the C1-1G-RG2 duplicates and outputs traffic from one in-line link to up to two monitoring systems.



1G COPPER TAP WITH SECURITY SEALS

C1R-1G-S

The 1-Link Gigabit Copper TAP can be fitted with serialized tamper-evident seals. These seals ensure that the TAP has not been tampered with during transport or operation.

FEATURES

- Non-intrusive in-line network access
- 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
- Low power consumption
- Supports link failure propagation (LFP)
- Redundant powering

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

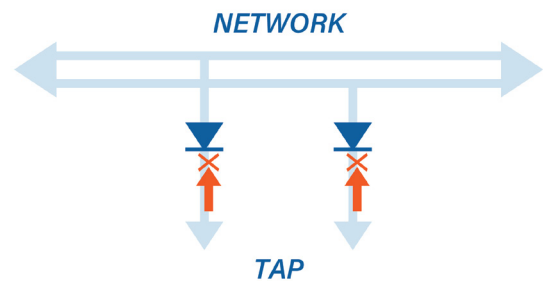
TAMPER-EVIDENT SEALS

The 1-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

ORDER REFERENCE	C1R-1G / C1R-1G-S	C1P-1G	C1R-1G-48V	C1R-1G-BAT	C1-1G-RG2
CONNECTORS	4 x RJ45 8-PIN	4 x RJ45 8-PIN	4 x RJ45 8-PIN	4 x RJ45 8-PIN	6 x RJ45 8-PIN
POWER INPUT	2 x 12 VDC	2 x 12 VDC	2 x -48 VDC	2 x 12 VDC (+ BATTERY)	2 x 12 VDC
DIMENSIONS (WxDxH)	113 x 128 x 30 mm 4.4 x 5 x 1.2 in	113 x 128 x 30 mm 4.4 x 5 x 1.2 in	113 x 128 x 30 mm 4.4 x 5 x 1.2 in	113 x 210 x 30 mm 4.4 x 8.3 x 1.2 in	113 x 168 x 30 mm 4.4 x 6.6 x 1.2 in
FRONT PANEL DIMENSIONS (WxH)	143 x 35 mm / 5.6 x 1.4 in	—	143 x 35 mm / 5.6 x 1.4 in	143 x 35 mm / 5.6 x 1.4 in	143 x 35 mm / 5.6 x 1.4 in
ACCESSORIES	1 x 100-240 VAC PSU	ZIPPER POUCH 2 x RJ45 CABLES 1 x 100-240 VAC PSU	2 x -48 VDC TERMINAL BLOCK CONNECTORS	1 x 100-240 VAC PSU	1 x 100-240 VAC PSU