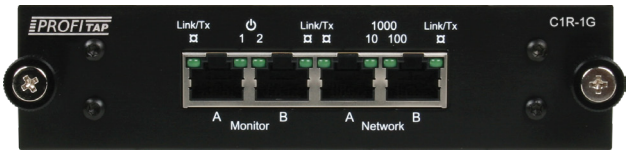
GIGABIT COPPER NETWORK TAPs

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.

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.

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.

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

TECHNICAL SPECIFICATIONS

ORDER REFERENCE	C1R-1G	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