

Gigabit Ethernet Network TAPs

For Complete and Accurate In-Line Monitoring

10/100/1000BaseT Copper Series

- 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 virtually 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.

Features

- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Bypass data on power failure
- Monitoring of all 7 OSI layers
- No packet loss, no point of failure
- Supports link failure propagation (LFP)
- Fully 802.3af, VoIP, and PoE compliant
- Redundant powering

GbE Copper TAP (ref. C1R-1G)

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

Portable GbE Copper TAP (ref. C1P-1G)

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

GbE Copper TAP with -48V powering (ref. 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.

GbE Copper TAP with battery backup (ref. 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.

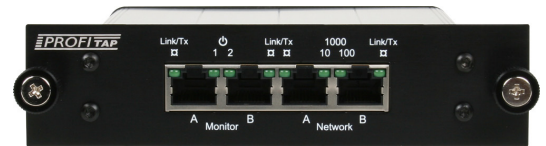
GbE Replicator TAP (ref. C1-1G-RG2)

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.

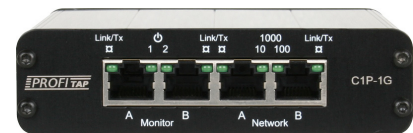
Technical Specifications

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	2 x 12 VDC
				Internal Battery Backup	
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 125 x 30 mm 4.4 x 4.9 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 90-240 VAC PSU	Zipper Pouch 2 x RJ45 Cables 1 x 90-240 VAC PSU	2x -48 VDC Terminal Block Connectors	1 x 90-240 VAC PSU	1 x 90-240 VAC PSU

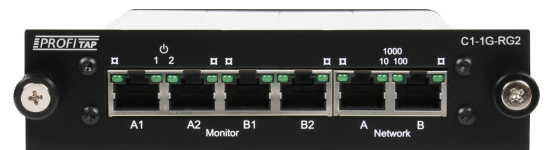
C1R-1G • C1R-1G-48V • C1R-1G-BAT



C1P-1G



C1-1G-RG2



Latency

	1 Gbps	100 Mbps	10 Mbps
Net-Net	425 ns	740 ns	6000 ns
Net-Tap	425 ns	740 ns	6000 ns

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