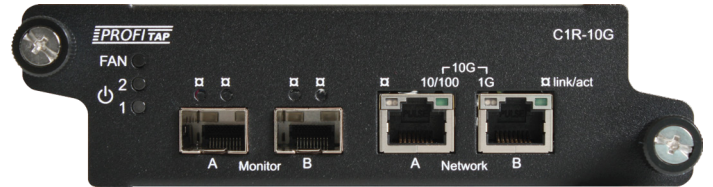# 10GBASE-T TAP

FOR COMPLETE AND ACCURATE IN-LINE MONITORING

Profitap 10GBASE-T TAP seamlessly duplicates full-duplex 10M/100M/1G/10G traffic at wire speed. It provides monitoring devices with an accurate copy of the traffic with no impact on the network. The 10GBASE-T TAP (patent pending) monitors all 7 OSI layers, and mirrors packets of all sizes and types, including low-level errors. Profitap Copper TAPs are non-intrusive, have no IP address, and isolate monitoring devices from the network to ensure complete stealth and security.

TECHNICAL SPECIFICATIONS

CONNECTORS	LEDS
2 x RJ45 8 pins 2 x SFP+ 2 x 12 VDC 1 x USB Type B	2 x Speed 6 x Link Activity 2 x Power 1 x Fan
WEIGHT	**DIMENSIONS (WxDxH)**
770 g — 1.70 lb	120 x 205 x 41 mm — 4.72 x 8.07 x 1.61 in
COMPLIANCE	**ACCESSORIES**
RoHS — CE	1 x 100–240 VAC to 12 VDC PSU

LATENCY	10 Gbps	1 Gbps
NET-NET	Max: 2325 ns — Min: 2318 ns	Max: 609 ns — Min: 579 ns

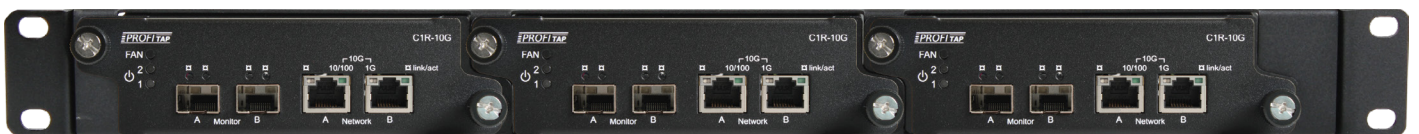## ORDER REFERENCE

C1R-10G

RACKMOUNT REFERENCE: ### ARKB-1U

LINK FAILURE PROPAGATION

Profitap Copper TAPs transmit link failure errors between ports, allowing the network to activate a redundant path, while the TAP stays available for auto-negotiation. LFP ensures less downtime, and is essential for high availability networks.

FEATURES

- Non-intrusive in-line monitoring
- No packet loss, no point of failure
- Data Diode function prevents any injection of data from the monitoring ports back into the network
- Fail-safe monitoring
- Monitoring of all 7 OSI layers
- Supports link failure propagation (LFP)
- Monitor SFP+ ports support SR, LR, and Copper modules, and passive Twinax cables
- Fully 802.3af and VoIP compliant, PoE passthrough
- Redundant powering

3 x C1R-10G IN 1U RACKMOUNT