



NuTAP-L Series

NuTAP-L12G / NuTAP-L21G

Wirespeed Management Network TAP

KEY BENEFITS

- Real-time monitoring and analyzing of network traffic.
- Relay function secure the network operation when power out.
- Provides an invisible, non-intrusive permanent access to network monitoring and analysis devices without link disruption or degradation.
- Simultaneous non-blocking forwarding of all TX and RX traffic, including error packets.
- Protects the IDS sensor from attack by the monitored segment.
- Option to withdraw mirroring function to avoid any problems associated with such methods.
- Easy to read counter status.
- Conform to 19" rackmount form factor.

MAIN APPLICATIONS

- Traffic monitoring and analysis for networking device developers and/or operators.
- Intrusion Detection System (IDS)

ORDER INFORMATION

- **NuTAP-L12G :**
 - NuTAP-L12G x 1
 - Console cable x 1
 - Power cord x 1
 - Network Cable(CAT-6) x 1
- **NuTAP-L21G :**
 - NuTAP-L21G x 1
 - Console cable x 1
 - Power cord x 1
 - Network Cable(CAT-6) x 1

OVERVIEW



NuTAP-L12G

Xtramus **NuTAP-L series** is the only high-level product which has port aggregation function at present Network monitor market. **NuTAP-L series**, the high level segment and rackmount form factor of NuTAP series, is the first network surveillance equipment supporting Gigabit Ethernet after NuTAP. Its surveillance network port which has 2 or 4 UTP interfaces can support wirespeed forwarding of Gigabit Ethernet at the same time, and Packet Re-direction functions.

NuTAP-L12G support aggregation mode and segregation mode that can redirect the target packet. The up to 30 sets of event counters on each surveillance line can provide as important data for network statistics, error detecting, analysis, monitoring and so on.



NuTAP-L21G

NuTAP-L series support the operating mode of 10/100/1000M with UTP interface. It also has Relay function which can automatically switch to side band when there's no power supply. With the Redundant backup power system, we can assure you the best network connection. It will be a trustworthy network tap for UTP network.



NuTAP-L12G Panel



NuTAP-L21G Panel

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KEY FEATURES

- Active TAP based on monitor -and-forward architecture,
- Real-time LED display of traffic events and monitoring.
- Packet redirect function:
 - Aggregation mode: Up/Down redirect into one 1 pair (2 ports) to 2 output port (L12G)
2 pairs (4 ports) to 1 output port (L21G)
 - Segregation mode: Up/Down redirect separately Individual direction traffic of 1 pair to individual output port (L12G)
 - Swap aggregation / Segregation mode: Controlled by on-panel button, serial port, or web-based management interface
 - Error Traffic Redirect
- Design of web-based management interface makes the active friendly.
- Provides the Statistic Counter: Rx Frame, Tx Frame, Collision, CRC Error, Alignment Error, Dribble Error, Oversize, Undersize, Broadcast, Multicast, Packet size (64~1518), Pause, 256 streams VLAN, Frame Rate and other RMON counters.
- Redundant power (DC 48V power input module) optional.
- Support PoE Link automatically.
- Loopback test function test the transmission and route problem of network.

SPECIFICATIONS

- **Interface:**
 - **Network Port:**
 - **NuTAP-L12G:** One pair of 10/100/1000Mbps RJ-45 port for traffic up to 1 network segment
 - **NuTAP-L21G:** Two pairs of 10/100/1000Mbps RJ-45 ports for traffic up to 2 network segments
 - **Monitoring Port:**
 - **NuTAP-L12G:** Two 10/100/1000Mbps RJ-45 ports
 - **NuTAP-L21G:** One 10/100/1000Mbps RJ-45 port
 - **Management Port:**
One 10/100Mbps RJ45 port
 - **Series Port:**
One RS-232 port for real-time display of traffic statistics
- **Supported Packet Length**
Network port : 32 ~ 12000 bytes
Monitor port : 32 ~ 8000 bytes
- **Power Source Type:**
Provides three types of power source for option
 - One AC(90V~240V) power
 - One AC(90V~240V) and one DC(48V) power
 - Two DC(48V) power
- **Power Consumption:**
7.5~ 13 Watt
- **Test Criteria:**
Unicast, Broadcast, Pause Control, Collision, CRC, Undersize, Oversize, Trigger, Capture Loss

- **Temperature:**
Operating: 0°C ~ 40 °C (32°F ~ 104°F)
Storage: 0°C ~ 50 °C (32°F ~ 122°F)
- **Humidity:**
Operating: 0% ~ 85% RH
Storage: 0% ~ 85% RH
- **Dimensions:**
442 mm x 240 mm x 43 mm
- **LED Display :**
 - Status: System, Blink/ Oneshot , Speed, Link/ ACT, SD, PoE
 - Counters: Unicast, Broadcast , Pause, Collision, CRC, Oversize, Undersize

RELATED PRODUCTS

- **NuTAP-R12G & NuTAP-R21G:**
Management Network TAP with combo interface (UTP+SFP)



NuTAP-R21G

- **NuTAP-A12G & NuTAP-A21G:**
Recordable Network TAP with combo interface (UTP+SFP)



NuTAP-A21G

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