



**Product Announcement**

**NuDOG-301**

Release Date : April 10, 2009

# The new Portable Gigabit Streams Generator & Network TAP "NuDOG-301" goes on the market

## 1. Product Description

For user varied demand of Network Performance Testing, Troubleshooting/ Debugging, Traffic/ Protocol Analyzing, Traffic/ Protocol Simulation, and Traffic Monitoring, Xtramus recommend **NuDOG-301** for customer to apply those situations.

**NuDOG-301**, the newest portable Gigabit Ethernet testing device of Xtramus, has some characteristics: high performance with handy design which is inherit from NuStreams and the case of aluminum material with Hair-line Surface coating. Those points make **NuDOG-301** will be an outstanding product in the market.

**NuDOG-301** has three types of interface for user selection: NuDOG-301C has two pairs Gigabit Ethernet test combo (RJ45/SFP) ports, NuDOG-301F has Fiber interface in SFP, and NuDOG-301T has copper Interface in RJ45. Both of them have wirespeed performance, no matter in Streams Generator Mode or Network node TAP Mode.

**NuDOG-301** has the High Speed USB 2.0 control interface to PC and 128Mbytes internal memory. For Windows OS of XP and Vista, NuDOG-301 provides several application software, DApps-NIC, DApps-TAP, DApps-StreamGen, DApps-2544, DApps-2889, DApps-QoS, and DApps-QoS3, and DApps-MPT.

That software will satisfy customer varied requests in the design of independent operation separate by individual function and software friendly UI. In the hardware design, **NuDOG-301** will be a compact and extremely lightweight tool for testing, analyzing and monitoring of networks and/or network devices.

From now on, Xtramus accepts **NuDOG-301** order from customer. Please contact with sales representatives for detail.



## 2. Specifications

Item	Content
<b>Interfaces</b>	Connect to DUT: - NuDOG-301C : Combo interface (RJ45/SFP) - NuDOG-301F: Fiber interface - NuDOG-301T: Copper interface Connect to PC: - Mini-USB 2.0 to PC x 1
<b>Power</b>	12V DC External Adaptor
<b>Power Consumption</b>	Maximum 10.5 Watt (SFP Transceivers excluded)
<b>Net Weight</b>	Approx. 230g
<b>Dimension</b>	125.4mm x 85mm x 27.5mm
<b>Temperature</b>	Operating: 0°C ~ 40°C (32°F ~ 104°F) Storage: 0°C ~ 50°C (32°F ~ 122°F)





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<b>Humidity</b>	Operating: 0% ~ 85% RH, non-condensing Storage: 0% ~ 85% RH, non-condensing
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### 3. Features

- 10/100/1000 Mbps wirespeed performance - guarantees highly reliable and accurate performance for streams generation, capture, and analysis.
- Highly portable and versatile - powerful streams generation, analysis and monitoring capabilities built into a compact box for easy transport for testing, troubleshooting, and network monitoring.
- Various application software suitable to user demand, and these software can be independent operated:
  - DApps-NIC: Execute by simulating NIC pure network interface card function
  - DApps-TAP: Execute Ethernet TAP function with local and cross-loopback mode display in real stream counter and stream chart
  - DApps-StreamGen: Virtual front panel for NuDOG-301
  - DApps-2544: The test based on RFC 1242 and RFC 2544
  - DApps-2889: The test based on RFC 2285 and RFC 2889
  - DApps-QoS: Execute QoS test in VLAN item
  - DApps-QoS3: Execute QoS test in IP/ UDP item of Layer3
  - DApps-MPT: Automated batch tests for Ethernet tests
- Provides two test mode for different test requirement
  - Streams Generation Mode: Simulate the situation of Ethernet streams traffic in real for user to test the DUT performance.
  - TAP Mode: Monitoring and capture the Ethernet streams of the DUT.

### 4. What's in the Box

- NuDOG-301 x 1
- Mini-USB cable x 1
- Network Cat.6 Cable x 2
- Adapter(12V DC) x 1
- Power Cord x 1
- Installation CD-ROM x 1 (Includes NuDOG-301 Driver, User's Manual, and Bundle Software package.)
  - Customer can select only one of the Bundle Software package as below for basic shipment item when place an order on NuDOG-301.
  - Bundle Software package 1 includes DApps-StreamGen and DApps-NIC
  - Bundle Software package 2 includes DApps-TAP and DApps-NIC
- Optional Software as below for customer purchase, Please contact with sales representatives for detail:
  - DApps-2544
  - DApps-2889
  - DApps-QoS
  - DApps-QoS3
  - DApps-MPT

### 5. Schedule

Accept to place an order : From now on

First available shipment : Q2, 2009

### 6. Contact Information

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