Q1000K GPON/XGS-PON SmartNID

The Q1000K is a permanently mounted on-premise SmartNID device establishing an 'activation ready' experience for Quantum Fiber customers. The Q1000K delivers fiber termination inside the premise, as well as LAN network routing.

The Q1000K is a high performance 10G/1G XGSPON/GPON fiber SmartNID with a two-port LAN switch. One LAN port provides 10 Gigabit Ethernet, and the other LAN port provides 1 Gigabit Ethernet. A Standard SC/APC Fiber connector provides WAN access via XGSPON/GPON Fiber connection.

KEY FEATURES AT A GLANCE

- Powerful Network Processor – 1.2 GHz high-performance packet offload engine that ensures smooth 4k UHD streaming & gaming
- DHCP/NAT, firewall security and LAN routing configuration
- Dynamic QoS – Prioritizes Internet traffic by application and device for smoother streaming
- 2 Ethernet Ports – Connect more wired devices for faster file transfer and uninterrupted connections
- Indoor/Outdoor rated (requires Lumen-approved outdoor enclosure)
- Made from 60% recycled plastics

TECHNICAL SPECIFICATIONS

- Fiber Port – Plug in SC/APC Fiber connector for either GPON or XGSPON WAN connectivity
  - Supports 10Gps symmetric rate
- One (1) RJ-45 100/1,000/10,000 Mbps Gigabit LAN Ethernet port
- One (1) RJ-45 10/100/1,000 Mbps Gigabit LAN Ethernet port
- Multi-status LED
- Reset button

SECURITY

- Standards-based Secure Boot Technology
- Automatic firmware update delivers latest security patches to the SmartNID

DIMENSIONS & WEIGHT

- Size: 1.5" (Height) x 5.12" (Width) x 7.09" (Length)
- Weight: 1.25 lbs / 0.558 kg

ENVIRONMENTAL

- Power: External, 12V DC, 1.5A
  - Only use power supply adapter or any type of connection accessory supplied with this product
  - Output of the external power source complies with ES1, PS2 requirements, output rating between 12V d.c., minimum 1.5A, with minimum rated maximum ambient temperature 40°C
- Operating Temperature: -40°C to 65°C (-40°F to 149°F)
- Storage Temperature: -20°C to 85° C (-4°F to 185°F)
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Humidity: 10% to 90% (non-condensing)