



XGS-PON Modem

PM7330



*Dimensions(W x D x H) : 144mm x 114mm x 31mm

Product Overview

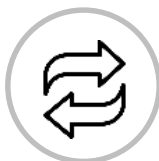
The KAON Broadband PM7330 XGS-PON VoIP Bridge Optical Network Terminal (ONT) enables service providers to deliver next-generation multi-gigabit broadband and voice services over FTTH networks. Fully compliant with ITU-T G.9807.x, the PM7330 supports up to 10 Gbps symmetrical throughput, providing the performance required for bandwidth-intensive applications such as ultra-high-definition streaming, cloud services, and next-generation connected homes.

Featuring a compact, carrier-grade design with integrated 10GbE LAN connectivity and VoIP support, the PM7330 allows operators to efficiently deploy high-speed broadband and voice services through a single, reliable platform.

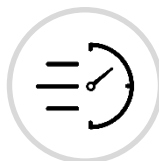
Designed for multi-vendor OLT interoperability, the PM7330 provides operators with deployment flexibility, vendor diversity, and proven KAON Broadband reliability, helping accelerate FTTH rollouts while ensuring a high-quality subscriber experience.



XGS-PON ONT
FTTH Networks



BOSA
Full Duplex



Up to 10 Gbps
Download Speed



IPv4/IPv6
Dual Stack Support



TR-069



1 x VoIP

Technical Specifications



Network

- 10 XGS-PON 1 port 10G Gigabit Symmetric bridge modem (GPON ITU G.984)
- IPv4/IPv6 Support
- IGMP (Snooping) / MLDv1
- VLAN IEEE 802.1q, VLAN ID 4K, Tag/Translate/Trunk Mode
- QoS : IEEE 802.1p/q, 802.1p, IPv4/IPv6, MAC, Port and DiffServ

Security

- Remote Access Configuration

XGS-PON Features

- BOSA on Board Optical, SC/APC Connector
- Compliant with ITU-T G.9807.x Amd1, Class B+
- Support G.9807.5 Blocking Filter as an Option
- RX: 10 Gbps / TX: 10 Gbps

Voice

- SIP (Session Initiating Protocol, RFC 3261)
- Codec: G.711 a/μ, G.726, G.722
- Fax/modem detection and pass-through
- Voice Active Detector (VAD) (silence suppression)
- Comfort Noise Generation (CNG)
- Supports fax T.38
- Dynamic jitter buffer
- DTMF detection and generation
- DTMF relay by in-band and out-of-band (RFC 283 3, SIP INFO)
- SIP account (URL type included)
- Caller ID
- Call forwarding (no condition, busy, no answer)
- Call transferring (attended, unattended)
- Call hold/call retrieve
- Three-way conference (local mixer)
- Call waiting

Management/ Diagnostics/ Configuration

- OMCI Complies with G.988
- WEB/UI (HTTP/HTML)
- TR-069 ACS Client
- Software upgrade via HTTP, TFTP/FTP server, OMCI

Compliance/Certificates

- FCC/UL
- CE
- RoHS Compliant

Physical Interface

- Upper Side
 - 6 x LEDs
- Bottom Side
 - 1 x XGS-PON
- Back Panel
 - Factory Reset Pin-hole
 - 1 x 10GbE LAN Port
 - 1 x RJ-11 VOIP Port
 - DC Power Input
 - Power Button

Mechanical & Environmental Specification

- Operating Temperature : 0°C (32°F) ~ 45°C (113°F)
- Storage Temperature : -40°C (-40°F) ~ 70°C (158°F)
- Humidity : 5 ~ 95% (Non-condensing)
- Dimensions(W x D x H) : 144mm x 114mm x 31mm

Accessory

- 1 x PSU (12V 1A Wall Mount type 1.5m)
- Quick Installation Guide

* Note. The specification subject to change.