

GPON ONTs

with VoIP | RF Video | WiFi



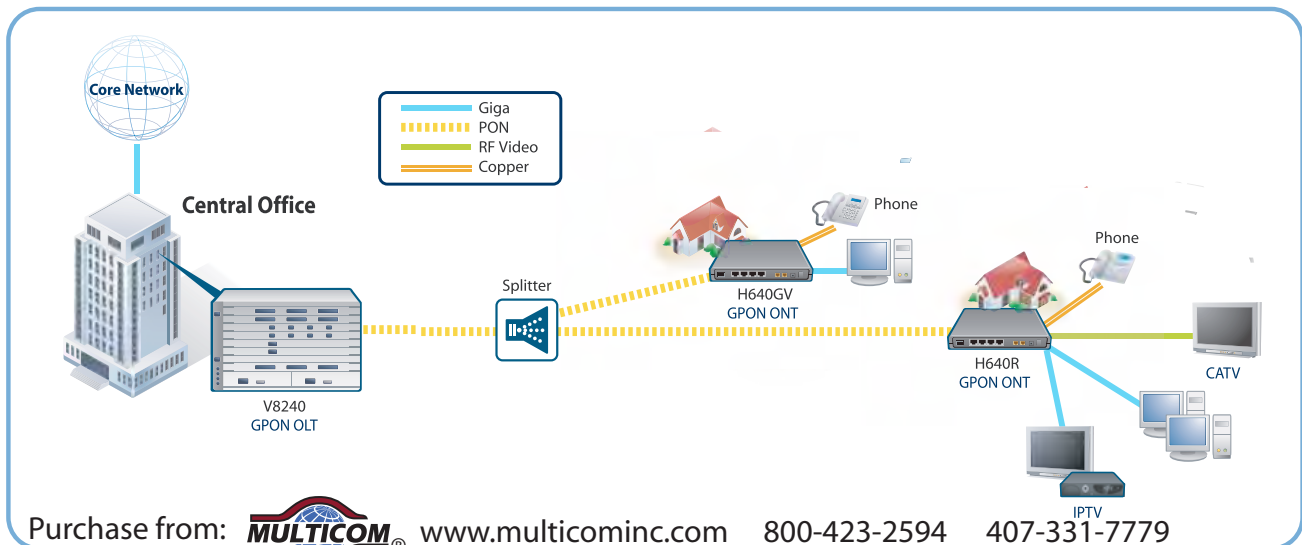
Features

- ITU G.984 GPON compliant
- IEEE 802.1D and 802.1Q compliant
- 4 GE ports
- 2 GPON uplink ports
- 2 POTS FXS ports
- RF video / WiFi / VoIP
- Carrier Class VoIP telephony supporting both MGCP and SIP protocols
- Flexible VLAN tagging support
- QoS for traffic prioritization and bandwidth management
- IGMP support for IPTV applications
- Fully managed via Dasan's INAS Element Manager

H640V | H640R | H640G | H640GW | H640W

| H645G | H640GV

Sample Configuration



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Specifications

Service Interface	4 10/100Base-TX ports (RJ45) 2 POTS ports (RJ11) 1 RF video port (F-connector)
Uplink Interface	1 GPON port (SC/APC type)
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 140°F (-20 to 60°C)

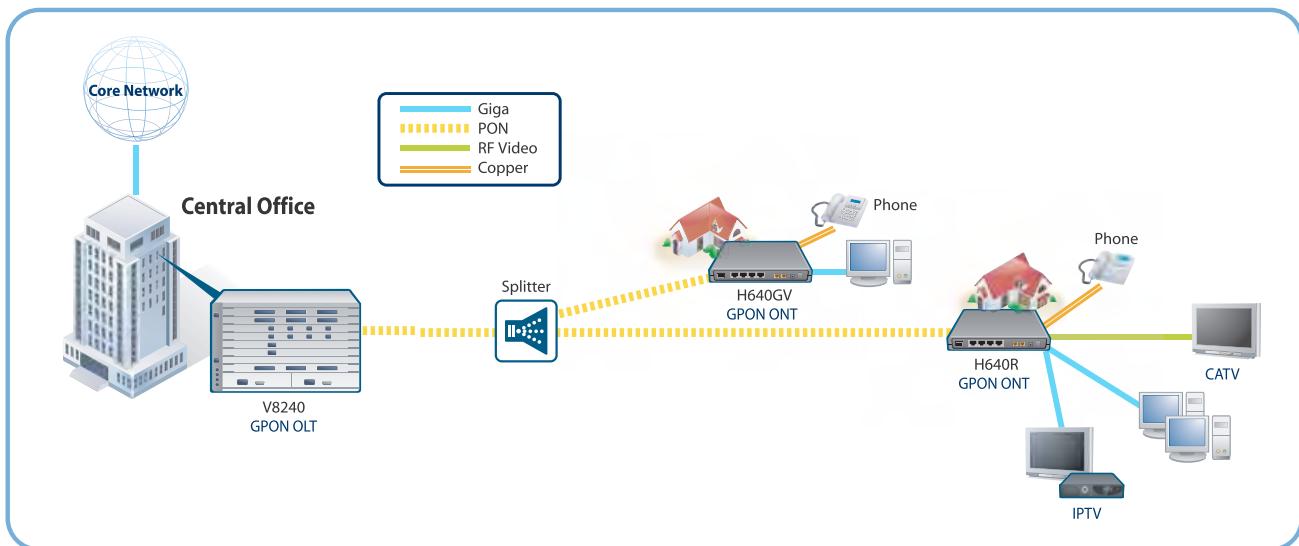
Humidity	10 to 90% (non-condensing)
Power Voltage (adapter)	Input : 100-240VAC Output : 12VDC
Dimensions (W x H x D)	<ul style="list-style-type: none"> • Excluding bracket: 10.24 x 2.05 x 7.87 in (260 x 52 x 200 mm) • Including bracket, wall mounting: 10.51 x 2.60 x 7.87 in (267 x 66 x 200 mm) • Excluding bracket, desktop mounting: 10.24 x 2.80 x 7.87 in (260 x 71 x 200 mm)

Capabilities

GPON Interface	<ul style="list-style-type: none"> • ITU-T G.984.2 Class B+ compliant • 1.25Gbps Upstream / 2.5Gbps Downstream • Wavelength: TX 1490nm, RX 1310nm • Forward Error Correction (FEC) • Multiple T-CONTs per device • Support for multicast GEM port
Layer 2/Data	<ul style="list-style-type: none"> • Untagged Port configuration • Standard Ethernet bridging • Address learning with auto aging • IEEE 802.1D and IEEE 802.1Q bridging
POTS Line Interface	<ul style="list-style-type: none"> • 5-REN • Balanced ring, 55V RMS • DTMF dialing • Multiple codec: G.711, G729, G723.1 • SIP (RFC3261), SDP (RFC2327), RTP (RC3550/3551) • Echo cancellation • T.38 FAX mode

RF video	<ul style="list-style-type: none"> • Analog RF video over 1550nm wavelength • 18dBmV output level, 46~870MHz passband • Remote band control function (optional)
Advanced QoS	<ul style="list-style-type: none"> • HW-based internal IEEE 802.1p (CoS) • Strict Priority (SP) • 4 queues per port
Management	<ul style="list-style-type: none"> • Full OMCI Integration • Fiber cable management • Fully Managed via Dasan's ISAN Element Manager • SNMP, Telnet • Remote Fault Monitoring
VLAN	<ul style="list-style-type: none"> • VLAN tagging and stacking • VLAN port filtering • Source MAC address learning • Multicast IGMP snooping

Sample Configuration



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