

# 10G EPON ONU

<b>Multicast</b>	<p>SCB (Single Copy Broadcast) ;</p> <p>IGMP V1/V2;</p> <p>IGMP Snooping and IGMP Proxy;</p> <p>256 multicast groups;</p> <p>Multicast authority control;</p> <p>IGMP member fast leaving;</p> <p>Static multicast</p> <p>8K-byte cache to ensure IPTV burst traffic</p>
<b>Management and Maintenance</b>	<p>Centralized OLT management based on OAM;</p> <p>Support alarm and performance statistic, traffic monitoring, loopback test, dying gasp;</p> <p>Ethernet port loopback detection;</p> <p>ONU automatic configuration, batch configuration;</p> <p>Scheduled ONU automatic update and batch update remotely;</p> <p>Remote Ethernet line detection, such as short circuit, open circuit, and the location of failure;</p> <p>SNTP for time synchronization;</p> <p>SMS alarm notification;</p> <p>OLT PON Optical power detection, on-line monitor OLT TX/RX optical power;</p> <p>Rogue ONU detection</p>
<b>Security</b>	<p>AES-128/triple churning encrypt of PON link;</p> <p>Dynamic key-updating</p>
<b>QoS</b>	<p>IEEE802.1p and DSCP;</p> <p>CoS based on MAC, IP, TCP/UDP port, ToS (Type of Service)/ Diffserv;</p> <p>Queue scheduling based on SP;</p> <p>Queue depth is 8</p>

## Ordering Information

Model	Description
<b>GT524</b>	MINI 10GEPON ONU, 12VDC power supply (external AC220V to DC12V adaptor), 24*GE interfaces, PR30 (symmetric) or PRX30 (asymmetric), corridor type
<b>GT524P</b>	MINI 10GEPON ONU, POE power supply, 24*GE interfaces, PR30 (symmetric) or PRX30 (asymmetric), corridor type