



✧ VAID-GP801 **GEPON ONU Description:**

The VAID-GP801 is the Telecom grade GEPON system terminal designed for FTTH and FTTB applications. It offers 1 RS232 console port for local PC management; 1 GEPON SC Port to connect GEPON OLT; 1 10/100Base-Tx and 1 10/100/1000Base-Tx Ethernet LAN ports to connect end user PC or other ethernet devices. Connecting with a GEPON OLT, the transmission distance of the VAID-GP801 reaches up to 20Km. It can be applied in network cafe fiber-in, Fiber to the home, Fiber to the building solutions.

The whole GEPON system consists of GEPON OLT (Optical Line Terminal), ONU (Optical Network Unit), and fiber splitter. CHIMA Gepon OLT offers mostly 5 upstream Ethernet port and 16 downstream GEPON port. GEPON port can connect to PLC political splitter, a single Gepon port can support up to 64 ONUs when the transmission distance is short.



✧ **Main Features:**

- 1) Adopting WDM technology(Upstream: 1310nm;Downstream: 1490nm), connecting ONUs to the OLT with a single fiber, the transmission distance reaches up to 20Km.
- 2) Flexible Bandwidth Assigantion: For downstream, theVAID-GP801 share the bandwidth with encrypted broadcast method; For upstream, theVAID-GP801 share the bandwidth with TDMA technology. It supports auto speed adjustment, its lowest adjustment rate is 1Kbps.
- 3) Support Multicast, end users can optionally apply for VOD, Video conferencing, etc.
- 4) Binding with PC user name, MAC and IP address, preventing PC, user accounts from being hacked.
- 5) Support multiple LLID and Single LLID configurations. Different users, different application can use different LLID access. Ensure the different QOS priorities for end user.
- 6) Easy installation, Support local/remote management and provision. Integrated to use with OLT, the gepon system implements remote failure detection and location. Which greatly saves the maintenance cost.

✧ **Specification:**

Protocols	IEEE 802.3ah, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE802.1d, IEEE 802.1P, IEEE 802.1Q, IEEE 802.1X, RFC1155, RFC1157, RFC1112, RFC1113	
Ports	1 RS-232 Control Port	To Connect PC
	1 GEAPON SC Port	To connect GEAPON Fiber Port
	1 10/100Base-Tx Ethernet LAN	To Connect End User PC or other CPE
	1 10/100/1000Base-Tx Ethernet LAN	To Connect End User PC or other CPE
Max Transmission Distance	20KM	
Max Transmission Speed	1.25G	
Power supply:	DC 5V	
Power consumption:	5W	
Physics dimension	163mm X 113mm X 31mm,	
Temperature		
Operating Temperature:	Storage temperature	Relative Humidity
0 ~ 45 °C	-30 ~ 60 °C	5% ~ 90% no coagulation

10GE модули оптические - лучшая цена
http://www.vaidsys.ru/10ge_sfp_x2_xenpak.php#q5

10GE медиаконвертеры
http://www.vaidsys.ru/10GE_mediaconverter.php

2x GIGABIT медиаконвертеры – акция
<http://www.vaidsys.ru/mediaconverters.php>

Оптические циркуляторы
<http://www.vaidsys.ru/optical-circulator-vaidsys.php>

IP АТС - вся линейка
http://www.vaidsys.ru/ip-pbx_ip-ats.php