

Router GP1704-4GC-22A

Router BDCOM GP1704-4GC-22A XPON ONU, 1-Port GPON/EPON (SC/UPC) / 4-Port GE / 1-Port CATV RF

The BDCOM GP1704-4GV-22A subscriber terminal is made in a plastic case, on the front panel there is a PON port with a SC/UPC connector, 4 Gigabit Ethernet ports, 2 POTS ports, a USB port and a connector for connecting a power adapter, on the back panel there are four Wi-Fi antennas.

This device can work in both EPON and GPON networks.

GPON: Supports 2.5 Gbit/s downlink/ 1.25 Gbit/s uplink PON data transfer speeds.

EPON: Supports downlink PON data rate of 1.25 Gbps, uplink rate of 1.25 Gbps.

Wi-Fi frequencies: 2.4 GHz, 5 GHz.
The network coverage radius is 20 km.
The subscriber terminal supports DBA and Rate-Limit.

Wi-Fi	4G
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Detailed

Functionality	Parameters
Interfaces	4 * GE WiFi (802.11 b/g / n+802.11 ac) four antennas 1 USB port (USB2.0) 2 VoIP ports (FXS-RJ11)
WIFI	1200 Mbps 2.4/5GHz
PON interface	Data transfer rate, Gbps: 2.5 (downlink)/1.25 (Uplink) Network coverage radius 20 km PON port Type: SC/UPC Optical receiver Sensitivity: ≤ - 28 dB Radiation power: 0.5 ~ 5 dB Security: ONU authentication mechanism
Standards	ITU-T G.984/G.988

	PRC Community Industry Standard GPON ONU in Access Technology Requirements IEEE 802.1D, Spanning Tree IEEE 802.1Q, VLAN IEEE 802.1w, RSTP ITU-T Y.1291
VLAN	4K VLAN Port based VLAN IEEE 802.1Q VLAN CTC2.0 defined VLAN
Multicast	IGMP-Snooping CTC defines dynamic multicast MLD-Snooping
QoS	Back Pressure Flow Control (Half Duplex) IEEE 802.3 x Flow Control (full duplex) Head Of Line (HOL) IEEE 802.1 p, CoS Four priority queues on each port WR, SP and FIFO Rate limiting
Reliability	Loop detector Dying-Gasp TX/RX optical power alarm
Safety	Limiting the number of MAC addresses per port Port protection Port storm control Port scan prevention DOS prevention attack
WiFi	802.11b/g/n/ac, 1200Мбит/сек, 2x2 MIMO Multi SSID SSID encryption
Voice functions (VoIP)	SIP, H.248
Management	CLI, Web, SNMP, TR069 and TELNET Software update via TFTP, WEB, TR069 or OMCI Local System Log or Server system Log
Dimensions mm (W × D ×D) C)	230 x 140 x 34.9
Environmental requirements	Working environment: 0°C ÷45°C; 10% ÷90% humidity (non-condensing)
	Storage conditions:-4 0°C ÷80°C; 5% ÷95% humidity (non-condensing)
Power supply	DC12V / 1A (external adapter power supply)
Power consumption	15 W
Weight	0,4 kg