

GP1704-2FV PON

Router BDCOM GP1704-2FV PON Voice WiFi ONU, 1-Port GPON/EPON (SC/UPC), 1-Port Gigabit RJ45 + 1-Port 100M RJ45 + 1-Port RJ11(POTS)

BDCOMGP1704 is a smart subscriber terminal with built-in wireless, VoIP and CATV functions. BDCOM GP1704 is focused on the integrated multiservice network of the telecom operator. BDCOM GP1704 complies with the international standard ITU-TG.984/988 and the technical requirements of GPONCTC2.0.



Detailed

MAIN FEATURES	
PON port	1x SC/UPC
Network interface	1x GE + 1 FE TX
Wi-Fi	300 Mbps
POTS	1
USB interface	1
Output power	0.5-5 dBm
Receiver sensitivity	< -28 dBm
Power supply	Input: 100-240V acoutput: 12V / 1A
Maximum power consumption	10 W
Ambient operating temperature	0.. +45 °C
Storage ambient temperature	-40.. +85 °C
Ambient operating humidity	10 .. 85% non-condensing
Storage environment humidity	5 .. 95% non-condensing

VLAN • 4K VLAN • Port-based VLAN • IEEE 802.1Q VLAN • CTC2.0 VLAN	IP services • DHCP server / Client • Routing/Bridge/Hybrid mode • DNS, DDNS • PPPOE • NAT/NAPT
GPON services • AES128 encryption algorithm • MAC/Loid/Hybrid Authentication Radio communication • 802.11b/g/n • 2x2 MIMO • Multi SSID • SSID encryption • Wireless channel (configurable)	QoS • Back-pressure flow control in half-duplex mode • IEEE 802.3 x full-duplex flow control • Head of Line mechanism • IEEE 802.1p, CoS • 4 priority queues per port • WR, SP, and FIFO queue scheduling algorithms • Speed limit per port • SLA and DBA
Phone services • SIP, H.248, T.38 FAX • Three-way call • Waiting for a call • Call to the hotline	Reliability • CLI, HTTP, SNMP, TR069, and TELNET management modes • Software updates via TFTP and WEB, OMCI, etc. • Local or server-side system log • Loop detection • Ability to send a dying gasp signal • TX/RX Optical Power Alarm
Network security • Limiting the number of MAC addresses • MAC filtering • Port Protection	Multicast • Network Traffic Tracking (IGMP Snooping, MLD Snooping) • Dynamic Multicast CTC • Multicast Group Restriction • Fast leave functionality
Sizes	140 x 105 x 30 mm
Weight	200 g