

Smart EPON ONU with 4 ports

Model: EPU204



Product Profile

EPU204 ONU EPON is home-orientation device for FTTH access launched by DIBSYS and achieves the ultra wide band access for home/SOHO users by xPON technology. It has POTS audio interface, FE/GE self-adaption Ethernet interface and CATV RF interface. It can efficiently guarantee the business experience for voice, data and HD video via high-powered transmit capacity. It will offer the terminal solution and business supporting power going forward. There are mainly 3 kinds of the products, including bridging, bridging+voice, gateway.

Hardware Specifications

PON Interface	
Speed rate	Uplink: 1.25Gbps downlink: 1.25Gbps
Optical output Power	-1~+4dBm
Receiving sensitivity	-27dBm
Receiving saturability	-3dBm
Interface	
PON	1
Data	4*10/100/1000Base-T interface
PON	
	<p>Conforms to the IEEE 802.3ah EPON standard</p> <p>Meet GEAPON communication standards of China telecom and China unicom</p> <p>Support 20km transmit distance on single optical fiber</p> <p>Support 128 bits triple agitation encryption for upstream and downstream</p> <p>Support management functions for standard OAM and extensive OAM</p> <p>Support ONU batch software upgrades, timing upgrade and real-time upgrade</p> <p>Support the luminous power for PON port , receiving optical power detection</p>
Ethernet	
	<p>Ethernet auto-coordination and MDI/MDIX auto-detection functions</p> <p>Built-in layer 2 switch</p> <p>Advanced data function, e.g. VLAN label processing, flow classification, packet filtering, etc.</p>
Gateway	
	<p>WAN port supports the Bridge mode and the Router mode</p> <p>The Router mode supports PPPoE/DHCP/static IP connections, etc</p> <p>Support services as Internet, VoIP, IPTV, TR069, etc</p> <p>LAN supports DHCP and static IP</p> <p>Network address translation (NAT)/ Network address port translation (NAPT)</p> <p>Universal plug and play (UPnP)</p>
OAM	

	<p>Conform to CTC 3.0 standard of China telecom</p> <p>Conform to TR - 069 standard</p> <p>Accord with the TR - 098, TR - 140 terminal integrated management interface specification, support configuration of various services, including Ethernet, VoIP, WLAN, etc</p> <p>Alarm reporting and monitoring performance</p> <p>Support remote software upgrade via OMCI</p>
Environment	
Dimension	140mm(L)*105mm(W)*33mm(H)
Weight	≤180g
Power supply	External power adapter 12V/1A
Power consumption	≤6W
Operation temperature	-10°C to +55° C
Operation humidity	15% to 95% (No condensation)

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