

GPON/EPON ONU product M1 Series

MCR ONU-L-M11

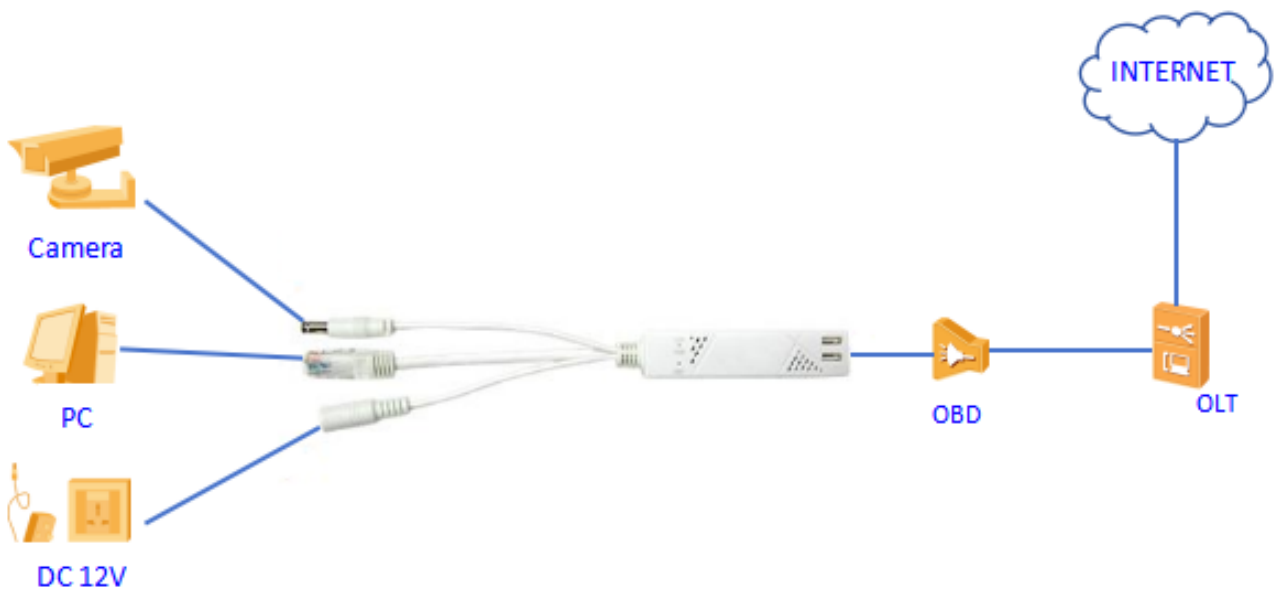


Description:

The Optical Network Unit (ONU) is the user-side equipment in a PON network, providing users with access services for data and other services. The main function of the ONU device is to receive optical signals in the downstream direction and convert them into Ethernet frames to be sent to the user, and to convert Ethernet frames received from user equipment or the network into optical signals in the upstream direction and transmit them through the PON network to the upper-layer network.

MCR ONU-L-M11series is an Optical Network Unit (ONU) product in our company's GPON or EPON series. This product adopts Passive Optical Network (PON) technology and outperforms traditional access products in terms of cost performance, maintainability, scalability and many other aspects. The MCR ONU-L-M11series provides one Gigabit Ethernet port.

Product Application:



MCR GROUP, INC.

Hardware Specifications:

Item	type	Technical Parameters
Power Related	interface	DC005 φ2.1mm
	Voltage	9-12V
	Rated power consumption	≤5W
Environment Related	Operating temperature	0~+50°C
	Working humidity	10~85%(non-condensing)
	storage temperature	-30~+60°C
Size and Weight	Product Size	90*21*16mm(Without lines)
	Package Size	325*160*125mm(50pcs/Box)
	Product Weight	80g
	Gross weight	≤4.3Kg
	Box size	675*505*405mm(18pcs/box)
	Total weight	≤80Kg

Port Parameters:

Item	type	Technical Parameters
PON	Interface Type	SC/UPC
	Receive sensitivity	≤ -27dBm
	Luminous power	+0.5~+5dBm
	Transmission distance	20Km
	Working wavelength	TX: 1310nm RX: 1490nm
LAN	Interface Type	1 Gigabit RJ45 interface
	Transmission mode	10/100/1000Mbps adaptive

Functional:

type	Technical Parameters
Network type	Support EPON or GPON mode
Gateway	Support HGU function
L2 protocol	802.1p Cos, 802.1Q
L3 protocol	Support IPv4, DHCP Client/Server, PPPoE, NAT, DMZ
LAN Configuration	Support LAN IP and DHCP Server Configuration
Network Port	Port Mapping & Loop Detection
Network safe	Support Firewall and ACL
Multicast	Support IGMP Snooping/Proxy

Order Guide:

GPON: MCR ONU-L-M11 G

EPON: MCR ONU-L-M11 E