



ODU



IDU

## XYC1841 CAT4 Outdoor CPE

### Highlights:



150Mbps



32 Users



4G FDD&TDD



POE Power  
Supply



Built-in  
5dBi Antenna

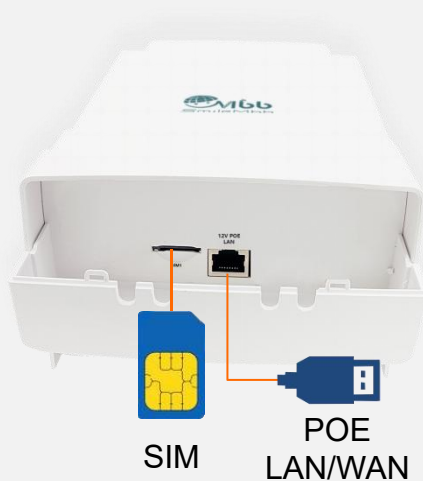


Linux System

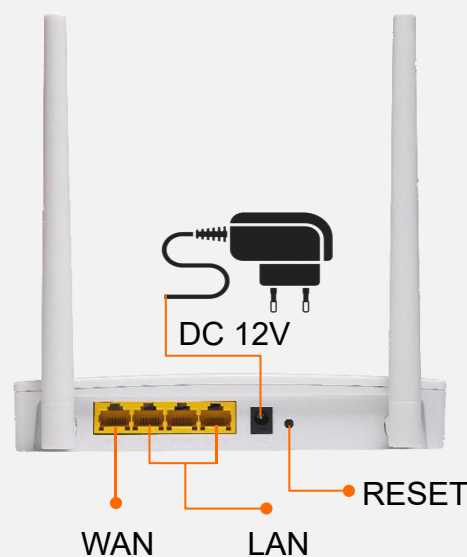
### Introduction:

XYC1841 is a highly advanced 4G outdoor waterproof CPE Routers, XYC1841 consists of an outdoor unit and an indoor unit which provides a high throughput data transmission network for residential, business and enterprise users. Customers enjoy an easy plug & play broadband access solution.

### Interface of XYC1841:



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# ODU Product Spec

## Hardware Parameter

Chipset	MT7628NN/MT762DA
Memory/Flash	512Mbit DDR2/64Mbit SPI flash
Dimension	230mm*140mm*60mm(L×W×H)
Net weight	About 1.2kg
Ambient temperature	Storage temperature: -40 ~ 85°C Working temperature: -20 ~ 60°C Relative humidity: 5% ~ 95%
LED	1*Power 1*LAN 1*4G 1*Single LED
Power	POE,12V,Built in anti reverse connection protection
Power consumption	130mA@12VDC, sleep on line 190mA@12VDC, average on line 240mA@12VDC, peak value on line
Button	Reset
Shell	Plastic shell, Protection grade IP65
Installation	Lug installation

## WLAN Feature(option)

WiFi Standard	802.11b/g/n(Optional)
WiFi Speed	2x2.4G Wi-Fi 300Mbps

## LTE WAN Feature

SIM card	SIM card, Self propelled,1.8v/3.3v 15kV ESD protection
Ethernet	1* WAN/LAN 10M/100M auto adaption, support 12V POE
Antenna	2xLTE inside
4G-CN (China/India)	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B5/B8 GSM/EDGE:B3/B8
4G-EU (Europe)	LTE-FDD:B1/B3/B5/B7/B8/B20/B28 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM/EDGE:B3/B8
4G-AU (Latin America/ Australia/ New Zealand)	LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE-TDD:B40 WCDMA:B1/B2/B4/B5/B8 GSM/EDGE:B2/B3/B5/B8
LTE	2xLTE Antenna inside,150Mbps

## Software Feature

PPPoE	Auto/PAP/CHAP/MS-CHAPV2
Network protocol	ARP,Ethernet LAN protocol IP, DHCP, PPPoE
Network Access	Ethernet WAN, 4G/3G/2G
IP application	Ping,Traceroute,DHCP Server/Client, DNSRelay,DynamicDNS,Telnet,SSH, HTTP,HTTPS,TFTP,FTP,SFTP,NAT
IP routing	Static routing
Link detection	TCP/Ping Heartbeat detection, support disconnection and automatic reconnection Ping heartbeat detection
Link backup	Support Wan and LTE links, Wan priority, LTE backup, etc
Built in watchdog	Support self recovery of equipment failure to ensure stable operation of equipment
VPN	OpenVPN, L2TP/PPTP Client
Firewall	NAT, DMZ, Port mapping, IP, Port, MAC Filtering
WLAN Security	OPEN/WPA/WPA2 WEP/TKIP/AES WiFi advanced parameter configuration
Management and maintenance	<ul style="list-style-type: none"> <li>• Support web management</li> <li>• Telnet and SSH terminals</li> <li>• System status monitoring</li> <li>• NTP client, supporting device system clock network synchronization</li> <li>• Support the import and export of configuration files</li> <li>• Network tools: Ping, tracerte</li> </ul>

# IDU Product Spec

## Hardware Parameter

Dimension	180×109×32mm(L×W×H)
Net weight	About 200g
Ambient temperature	Operating Temperature: 0°C ~ 40°C Working temperature: -40°C ~ 70°C. Relative humidity: 10% ~ 90%
LED	1*SYS
Power Adaptor	Input: AC 100-240V~50/60Hz 0.6A Output: DC 12V1A
Button	Reset

## WLAN Feature

WiFi Standard	802.11b/g/n
Data Rate	2x2.4G Wi-Fi 300Mbps
Transmit Power	CE:<20dBm
Basic Features	WiFi On
Wireless Security	WPA-PSK/WPA2-PSK

## Software Feature

Connection Type	PPPoE, Dynamic IP, Static IP
Operating Mode	Wireless Router Mode Universal Repeater Mode WISP Mode AP Mode
DHCP Server	DHCP Server, DHCP Client List, DHCP Reservation
Virtual Server	Port Forwarding, DMZ Host
Firewall	Forbid UDP flood attack Forbid TCP flood attack Forbid ICMP attack Forbid WAN PING from internet
VPN	VPN: IPsec/PPTP/L2TP pass through
Others	MAC Clone System Log Backup & Restore configurations Firmware upgradeable via browser

## Application scenarios of XYC1841:

