



Accessing The World With
Communication – Data

PROFESSIONAL COMMUNICATION EQUIPMENT MANUFACTURER

Shenzhen C-Data Technology Co.,Ltd.

Enterprise Qualification

ISO Certificate

ISO 9001



ISO 14001



National High-tech Certificate



Product Certification

CCC



CE



FCC



ANATEL



Patent Certificate



PoE ONU



PSE ONU

FD514GB-PF



Wide Operating Temperature Range



30W/Ports POE Budget



4KV Lightning Surge Protection

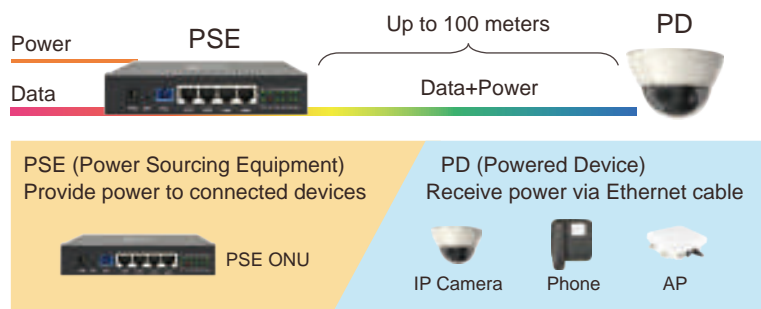


Watchdog Function

Key Feature

- Metal body, good heat dissipation performance, adapt to harsh working environment
- The hardware watchdog functions to automatically recover network exceptions, reducing manual maintenance
- 4KV surge protection, reduce equipment failure rate
- 48V standard PoE power supply, long transmission distance
- Supports EPON and GPON working modes and adaptively switches
- Supports OAM, OMCI, and WEB management

PSE & PD



Related Products



PoE ONU(PD)
FD514GB-PR



Corridor ONU
FD514GB

Order Information

Model	GE Ports	PON Ports	Function	Power
FD514GB	4	1	Standard	12VDC
FD514GB-PF	4	1	PSE POE	48VDC
FD514GB-PR	4	1	PD POE	/

1GE ONU



Key Feature

- GPON and EPON dual-mode adaptive, automatic switch within 10 seconds
- IPTV6/IPTV4 Dual Stack is useful in the earlier stages of IPv4 to IPv6 transition
- Bridging-type ONU with Routing function, more flexible
- Optional support TR069
- Automatically detect the optical power and display it through the indicator light, which is convenient for maintenance
- Support SSH login, WEB login encrypted transmission

Interface Configuration







Related Products



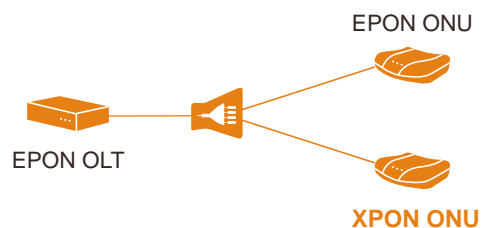
FD511G-X-F361

FD511G

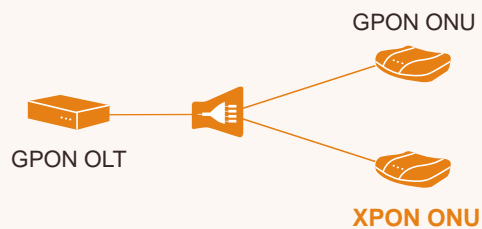
-  Dual Mode ONU
-  Mini HGU TR-069
-  Low Power Consumption
-  High Cost Performance

xPON ONU application in EPON migration to GPON

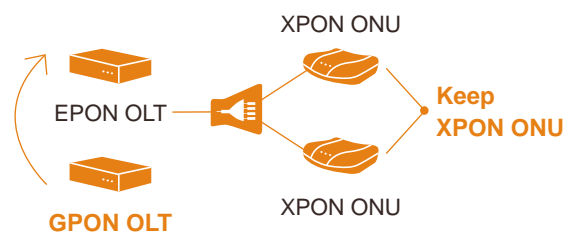
1 EPON network uses XPON ONU



2 GPON network uses XPON ONU



3 EPON OLT upgrade to GPON OLT



DATA ONU



Dual-Band WIFI ONU

FD504GW



Dual Mode
ONU



High Power
WIFI



MESH

Key Feature

- GPON and EPON dual-mode adaptive, automatic switch within 10 seconds
- 2.4G+5G dual-band high-power WIFI, wide signal coverage, stable transmission
- IPTV6/IPTV4 Dual Stack is useful in the earlier stages of IPv4 to IPv6 transition
- Bridging-type ONU with Routing function, more flexible
- Automatically detect the optical power and display it through the indicator light, which is convenient for maintenance
- Optional support TR069
- Optional USB function
- Support OAM, OMCI, WEB management
- 4GE and 1 PON adaptive interface, 2 2.4G external antennas, 1 WIFI switch button, 2 5G external antennas, 1 reset button, 1 DC interface, 12VDC power supply

Order Information

Model	GE Ports	FE Ports	PON Ports	USB Interface	2.4G WIFI	5G WIFI
FD504GW	4	/	1	Optional	✓	Optional
FD502GW	2	/	1	Optional	✓	Optional
FD512XW	1	1	1	/	✓	/
FD511GW	1	/	1	/	✓	/
FD504XW	1	3	1	/	✓	/
FD504G	4	/	1	Optional	/	/

Related Products



1GE+WIFI ONU

- 1GE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1 Reset button
- 1 DC interface
- 12VDC power supply



2GE+Dual-band WIFI ONU

- 2GE and 1PON adaptive interface
- 2* 2.4GHz and 2*5GHz external antennas
- 1 Reset button
- 1 DC interface
- 12VDC power supply



1GE+1FE WIFI ONU

- 1GE, 1FE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1 Reset button and 1 WPS button
- 1 Switch button
- 1 DC interface
- 12VDC power supply



1GE+3FE WIFI ONU

- 1GE, 3FE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1 Reset button
- 1 DC interface
- 12VDC power supply



4GE+Dual-band WIFI ONU

- 1GE, 3FE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1 Reset button
- 1 DC interface
- 12VDC power supply

Voice ONU



VOICE ONU with Dual-band WIFI

FD604GW



EPON/GPON
Dual Mode



1300Mbps WIFI



MESH

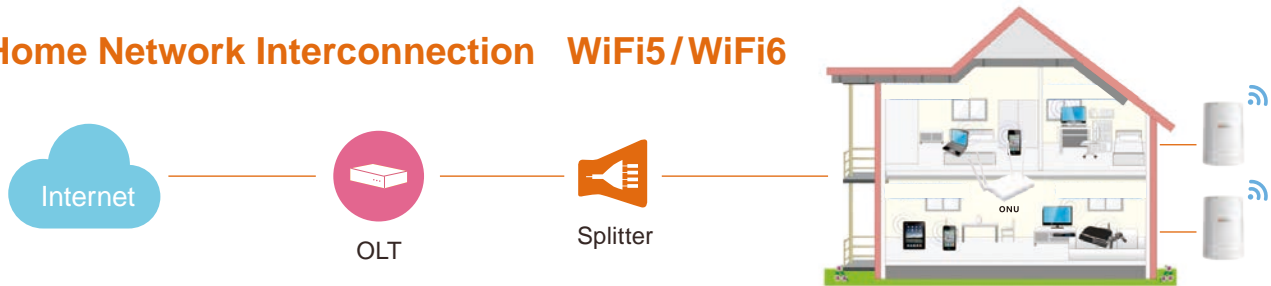


MIMO

Key Feature

- GPON and EPON dual-mode adaptive, automatic switching
- 2.4G+5G dual-band WIFI, 1300Mbps high-speed transmission
- High-power wifi, wide signal coverage, stable transmission
- IPTV6/IPTV4 Dual Stack is useful in the earlier stages of IPv4 to IPv6 transition
- Bridging-type ONU with Routing function, more flexible
- Automatically detect the optical power and display it through the indicator light, which is convenient for maintenance
- Support TR069
- Support USB Function
- Support OAM, OMCI, WEB management

Home Network Interconnection WiFi5/WiFi6



Order Information

Model	GE Ports	FE Ports	PON Ports	RJ11 port	USB Interface	2.4G WIFI	5G WIFI
FD604GW-D	4	/	1	2	1	✓	✓
FD604GW	4	/	1	2	1	✓	/
FD602GW-D	2	/	1	1	1	✓	✓
FD604XW	1	3	1	1	/	✓	/
FD602XW	1	1	1	1	/	✓	/
FD602X	1	1	1	1	/	/	/

Related Products



4GE+2Ports+Dual-band WIFI ONU

- 4GE and 1PON adaptive interface
- 4*2.4GHz external antennas
- 2*Ports interface and 1*USB interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply



2GE+1Ports+Dual-band WIFI ONU

- 2GE and 1PON adaptive interface
- 4*2.4GHz external antennas
- 1*Ports interface and 1*USB interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply



1GE+1FE+1Ports+WIFI ONU

- 1GE+1FE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1*Ports interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply



1GE+1FE+1Ports ONU

- 1GE+1FE and 1PON adaptive interface
- 1*Ports interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply

CATV ONU



Dual-band CATV ONU

FD704GW-D



EPON/GPON
Dual Mode



Remote
Switch CATV



MIMO

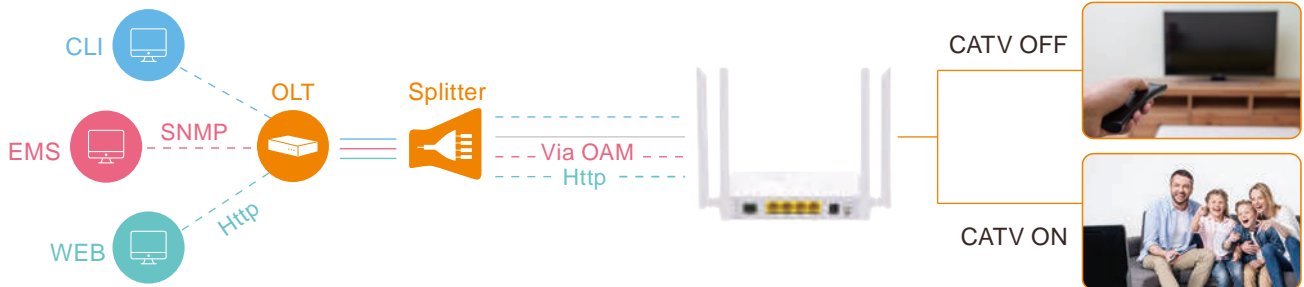


MESH

Key Feature

- GPON and EPON dual-mode adaptive, automatic switching
- Remote switch CATV
- 2.4G+5G dual-band WIFI, 1300Mbps high-speed transmission
- Automatically detect the optical power and display it through the indicator light, which is convenient for maintenance
- Support IPTV6/IPTV4 Dual Stack
- Support TR069
- Support OAM, OMCI, WEB management

CATV On/Off Control



Order Information

Model	GE Ports	FE Ports	PON Ports	RF Port	2.4G WIFI	5G WIFI	AGC Function
FD704GW-D	4	/	1	1	✓	✓	✓
FD704GW	4	/	1	1	✓	/	✓
FD704G	4	/	1	1	/	/	✓
FD702XW	1	1	1	1	✓	/	✓
FD701G	1	/	1	1	/	/	✓

Related Products



4GE+CATV+WIFI ONU

- 4GE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1*CATV RF interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply



4GE+CATV ONU

- 4GE and 1PON adaptive interface
- 1 Reset button
- 1*CATV RF interface
- 1 DC interface
- 12VDC power supply



1GE+1FE+CATV ONU

- 1GE+1FE and 1PON adaptive interface
- 2*2.4GHz external antennas
- 1*CATV RF interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply



1GE+CATV ONU

- 1GE and 1PON adaptive interface
- 1*CATV RF interface
- 1 Reset button
- 1 DC interface
- 12VDC power supply

Triple Play ONU




FD804GW-D

-  EPON/GPON Dual Mode
-  Remote Switch CATV
-  MIMO
-  MESH

Key Feature


- GPON and EPON dual-mode adaptive, automatic switching
- Remote switch CATV
- 2.4G+5G dual-band WIFI, 1300Mbps high-speed transmission
- Automatically detect the optical power and display it through the indicator light, which is convenient for maintenance
- Support IPTV6/IPTV4 Dual Stack
- Support SIP and TR069
- Support OAM, OMCI, WEB management

Related Products



4GE+2POTS+CATV+Dual-band WIFI ONU

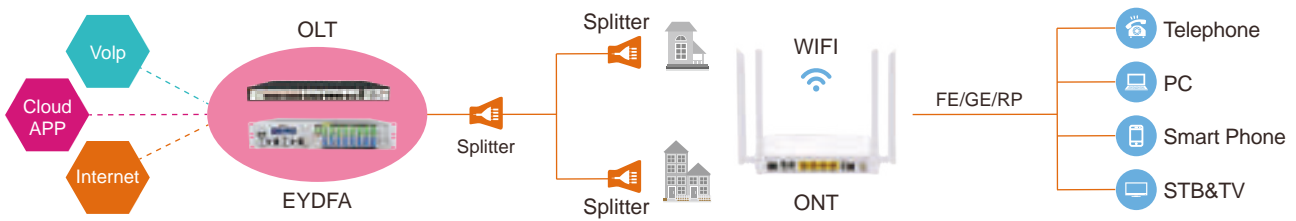
4GE and 1PON adaptive interface
1*CATV RF interface and 2*Ports interface
1 Reset button and 1* USB interface
2.4G+5G 1200Mbps WIFI
1 DC interface,12VDC power supply



4GE+2POTS+CATV+Dual-band WIFI ONU

4GE and 1PON adaptive interface
1*CATV RF interface and 2*Ports interface
1 Reset button and 1* USB interface
2.4G 300Mbps WIFI
1 DC interface,12VDC power supply

Application



Order Information

Model	GE Ports	FE Ports	PON Ports	RF Port	POTS Port	2.4G WIFI	5G WIFI
FD804GW-D	4	/	1	1	2	✓	✓
FD804GW	4	/	1	1	2	✓	/
FD804XW	1	3	1	1	2	✓	/

Hybrid Fiber Coaxial



EYDFA

HF3915C-B2



Modular Installation



Aluminum Case



JDSU Laser



Remote Network Management

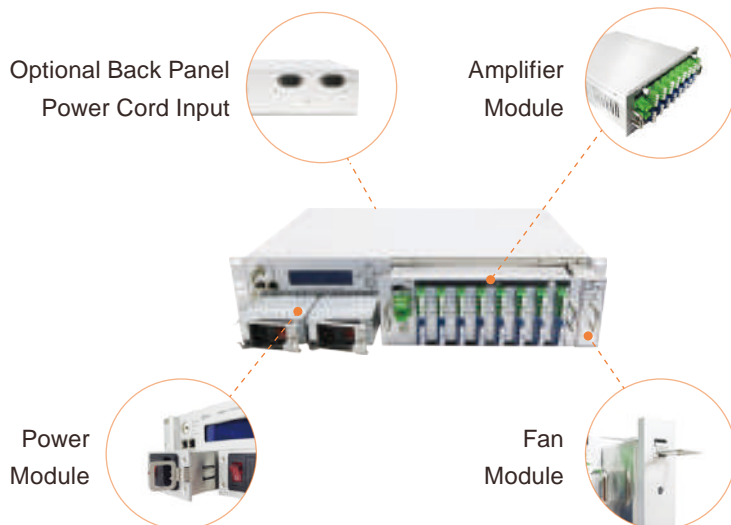
Key Feature

- 2U height, aluminum shell, good heat dissipation
- Pluggable amplifier module, fans module and power module
- Optional 8/16/32/64 port output, mixed PON signal
- Optional 100-240VAC or -48VDC dual power input
- Optional optical switch function
- Support local web management and remote EMS network management

Remote Management



Pluggable Design



Amplifier Module



Power Module



Fan Module

Related Products



1U EYDFA

- 1U high
- 8/16 Output interface
- Output power 28-40dBm
- Pluggable amplifier module, fans module and power module
- Supply 100-240V AC or -48VDC dual power input
- Management EYDFA and OLT in one EMS



1U EDFA

- 1U high
- Input optical power -10~2dBm
- Max output optical power 12dBm
- Supply 100~240V AC or -48V DC
- Management EDFA and OLT in one EMS



1U Optical Transmitter

- 1U high
- 1550nm transmitter
- Output power 10dBm
- Supply 100~240V AC or -48V DC



FTTH Optical Receiver with WDM

- Optical AGC range -18~0 dBm
- RF Output Level \geq 80dBuV
- Supply WDM function,support AGC function
- DC 12V power



FTTH Optical Receiver with WDM

- Optical AGC range -18~0 dBm
- RF Output Level \geq 80dBuV
- support AGC function
- DC 12V power