



PON/Wireless CPE Manufacturer
& FTTX Solution Provider

VSOL PRODUCT CATALOGUE

GUANGZHOU V-SOLUTION TELECOMMUNICATION TECHNOLOGY CO., LTD.



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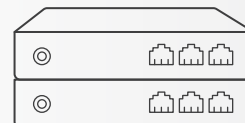
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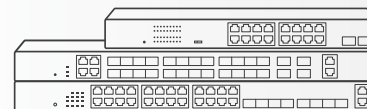
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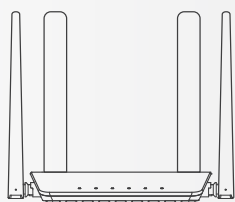


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COMPANY PROFILE

Founded in April 2007, Guangzhou V-Solution Telecommunication Technology Co., Ltd. (VSOL) is a leading company in fiber optic and wireless communication access field with over years of experience in FTTX and wireless access system solutions. As a National High-Tech Enterprise, a Guangdong Engineering Technology Research Center, a Guangdong Intellectual Property Model Enterprise, a Guangdong Double-Soft Enterprise, and a Guangzhou Gazelle Enterprise, VSOL focuses on the R&D, production and sales of fiber optic communication access products, and LTE/5G wireless products, insisting on independent research and technological innovation, with over 210 pieces of effective independent intellectual property rights.

Striving to access the whole world, we provide customized solution services in the technical fields of routing and switch technology, embedded operating system technology, cloud management technology of PON devices, encryption protection algorithm and authorization management technology.



17+ years of branding puts us at the forefront of the industry.

We insist on independent R&D and technological innovation, and attach importance to the protection of product intellectual property rights.

DEVELOP HISTORY

2008

- Began to focus on the solution design of EPON

2016

- Started sales of self-developed OLT products

2007

- ONU Solution Provider

2012

- Started sales of VSOL ONU in the overseas markets



210+

Intellectual Property Rights

130+

R&D Engineers

16,000m²+

Manufacturing Center

8,000,000+

Units/Year Peak Capacity

30,000,000+

Networking Devices

127+

Country Market Distribution

2019

- Made a breakthrough of WiFi 6 key technology
- Set up MBB product line

2024

- WiFi 6 ONT&Routers
- XG(S)-PON OLT&ONT
- 10G EPON OLT

2017

- Fiber Access Network Solutions

2021

- Overseas PON equipment ISP market leader
- Launched the R&D of 4G/5G CPE

ACCOLADES AND CERTIFICATIONS

- National "Specialized, Special, New" Little Giant Enterprise
- Guangdong Intellectual Property Model Enterprise
- Guangdong Manufacturing Industry Single Champion Enterprise
- National High-Tech Enterprise
- Guangdong Engineering Technology Research Center
- VSOL-SCUT Jiont Laboratory of OWC
- Guangdong Double-soft enterprise
- Gazelle Enterprise in Guangzhou
- Top 50 New Economy Pioneer Enterprises in Guangdong-Hong Kong-Macao Greater Bay Area 2021
- Associate Member of China Communications Standards Association
- Guangdong Contract-Abiding and Trustworthy Enterprise
- Guangdong "Quality, Service, Reputation" AAA Level Demonstration Enterprise
- ISO9001 Quality Management System Certification
- ISO14001 Environmental Management System Certification
- ISO45001 Occupational Health and Safety Management System Certification
- Intellectual Property Management System Certification
- AA Level Assessment of CSAIII




210+ INTELLECTUAL PROPERTY

 **83**
Software Copyrights

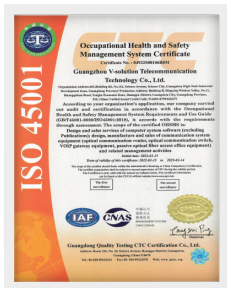
 **1**
Works Copyrights

 **31**
Trade Marks

 **45**
Appearance Patents

 **47**
Invention Patents

 **5**
Utility Model Patents



PRODUCT SHOWCASE

ONU/ONT Series

ONU/ONT

05



A Different 10 Gigabit Experience

HOT

HG3110AX

1*10G EPON(Asymmetrical) / XG(S)-PON+
1*2.5GE+3*GE+1*POTS+WiFi 6(Ax3000)+1*USB 3.0

V2904AX

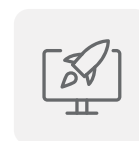
1*10G EPON(Asymmetrical) / XG(S)-PON+
1*2.5GE+3*GE+WiFi 6(Ax3000)+1*USB 3.0



10G EPON(Asymmetric)/
XG(S)-PON Optional



Dual-band
AX3000



2.5GE
High Speed

F5G Ultimate Enjoyment

NEW

HG3120AX*

1*10G EPON(Asymmetrical) / XG(S)-PON+1*10GE+
1*2.5GE+3*GE+2*POTS+WiFi 6(Ax3000)+1*USB 3.0

V2905AX*

1*10G EPON(Asymmetrical) / XG(S)-PON+1*10GE+
1*2.5GE+3*GE+WiFi 6(Ax3000)+1*USB 3.0

*Coming soon



10G EPON(Asymmetric)/
XG(S)-PON Optional



10GE High Speed



Tray-mounted Fiber Structure

PRODUCT SHOWCASE

ONU/ONT Series

New Generation WiFi 6 ONT

HOT

HG325AX

- 1*XPON+4*GE+1*POTS+WiFi 6(AX1500/AX1800)+1*USB 3.0
- 1*XPON+1*2.5GE+3*GE+1*POTS+WiFi 6(AX3000)+1*USB 3.0

V2804AX

- 1*XPON+4*GE+WiFi 6(AX1500/AX1800)+1*USB 3.0
- 1*XPON+1*2.5GE+3*GE+WiFi 6(AX3000)+1*USB 3.0



ONU/ONT

06



NEW

HG3232AX30(T)

1*XPON+4*GE+1*POTS+1*USB 3.0+WiFi 6+CATV(optional)

HG325AX15T/V2804AX15T

1*XPON+4*GE+WiFi 6(AX1500)+(1*POTS)+1*USB 3.0+CATV

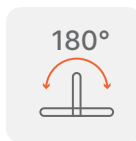
HG325AX30T/V2804AX30T*

1*XPON+1*2.5GE+3*GE+WiFi 6(AX3000)+(1*POTS)+1*USB 3.0+CATV

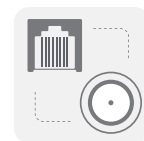
*Coming soon



AX15/AX18/AX30
New Generation WiFi 6



Foldable Antenna Design



POTS & CATV Optional

PRODUCT SHOWCASE

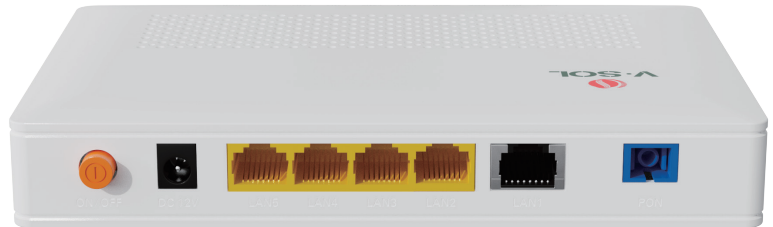
ONU/ONT Series

Enterprise-grade 10G PON ONU

V2905H

10G EPON/XG(S)-PON+1*10GE+4*GE

NEW



10G PON & 10GE LAN
High-speed



IPv4/IPv6
Dual Stack



USB 3.0
Interface



10 Gbps FTTH XG(S)-PON ONU

V2902A

XG(S)-PON+1*10GE+1*GE

NEW



10G PON & 10GE LAN
High-speed



Versatile Connectivity



Tray-mounted
Fiber Structure

PRODUCT SHOWCASE

ONU/ONT Series



Built-in ONT (86-type)

HG322PW

1*XPON+1*GE+1*POTS+WiFi 4

NEW



Compatible with
86-Type Panel



Built-in 2x2
2.4GHz WiFi 4



Tray-mounted
Fiber Structure

Designed for Fixed Network Operators

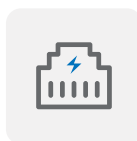
V2808-8GL(PSE)

1*XPON+8*GE(PoE+ Optional)

NEW



Metal Casing



8GE PoE+ Standard



Wide Operating Temperature
-10°C to 55°C

■ PoE ONU, Non-WiFi ONU, WiFi ONT



Model V2801SG / V2801RD

Spec. 1*XPON+1*GE

Dimension 82*82*25mm



Model V2801D-1GT1

Spec. 1*XPON+1*GE+CATV

Dimension 100*92*30mm



Model HG322G

Spec. 1*XPON+1*GE+1*POTS

Dimension 100*92*29.5mm



Model V2801Q

Spec. 1*XPON+1*2.5GbE

Dimension 82*82*25mm



Model V2802RH

Spec. 1*XPON+1*2.5GE+1*GE

Dimension 100*92*29.5mm



Model V2801F

Spec. 1*XPON+1*GE(SFP)

Dimension 14.1*79*13.6mm



Model V2801SC

Spec. 1*XPON+1*GE,
Tray-mounted Fiber Structure

Dimension 91*91*41mm



Model V2801P / V2801PW

Spec. 1*XPON+1*GE /
1*XPON+1*GE+WiFi 4

Dimension 86*86*33.3mm



Model HG322P / HG322PW

Spec. 1*XPON+1*GE+1*POTS /
1*XPON+1*GE+1*POTS+WiFi 4

Dimension 86*86*33.3mm



Model V2802PH

Spec. 1*XPON+1*2.5GE+1*GE

Dimension 86*86*33.3mm



Model ICT3310D-4G4S

Spec. 1*XPON+4*GE+4*POTS+
1*USB 3.0

Dimension 205*140*37mm



Model V283D-4G

Spec. 1*XPON+4*GE

Dimension 175*123*28mm



Model V2804Z-4G

Spec. 1*XPON+4*GE,
Tray-mounted Fiber Structure

Dimension 130*110*30mm



Model V2801SD-1GPD

Spec. 1*XPON+1*GE,
(Reverse PoE)

Dimension 82*82*25mm



Model V2820D-1G3FPS

Spec. 1*XPON+1*GE+3*FE,
(PoE+ optional)

Dimension 175*123*28mm



Model V2804-4GL-PSE/
V2808-8GL(-PSE)

Spec. 1*XPON+8*GE
(PoE+ optional)

Dimension 205*125*28mm

■ PoE ONU, Non-WiFi ONU, WiFi ONT



| | |
|-----------|---|
| Model | ICT3310DPS-4G2NAC ICT3310DPS-8G2NAC |
| Spec. | 1*XPON+4/8*GE+WiFi 5 (PoE+ optional) |
| Dimension | 196*160*32mm |



| | |
|-----------|-----------------------|
| Model | V2902A |
| Spec. | XG(S)-PON+1*10GE+1*GE |
| Dimension | 140*140*34.5mm |



| | |
|-----------|------------------------------------|
| Model | V2905H |
| Spec. | 10G EPON/XG(S)-PON+ 1*10GE+4*GE |
| Dimension | 180*120*34.5mm |



| | |
|-----------|--------------------|
| Model | V2801RGW |
| Spec. | 1*XPON+1*GE+WiFi 4 |
| Dimension | 170*112*31mm |



| | |
|-----------|-------------------------|
| Model | V2801WT |
| Spec. | 1*XPON+1*GE+WiFi 4+CATV |
| Dimension | 185*120*34mm |



| | |
|-----------|-------------------------|
| Model | V2802GW |
| Spec. | 1*XPON+1*GE+1*FE+WiFi 4 |
| Dimension | 185*120*34mm |



| | |
|-----------|----------------------------------|
| Model | V2802GWT |
| Spec. | 1*XPON+1*GE+1*FE+ WiFi 4+CATV |
| Dimension | 185*120*34mm |



| | |
|-----------|----------------------------------|
| Model | V2804RGWT |
| Spec. | 1*XPON+1*GE+3*FE+ WiFi 4+CATV |
| Dimension | 185*120*34mm |



| | |
|-----------|---------------------------------------|
| Model | V2804N |
| Spec. | 1*XPON+1*GE+3*FE+WiFi 4+ 1*USB 2.0 |
| Dimension | 205*140*37mm |



| | |
|-----------|-------------------------------|
| Model | HG322RGW |
| Spec. | 1*XPON+1*GE+1*POTS+ WiFi 4 |
| Dimension | 170*112*31mm |



| | |
|-----------|------------------------------------|
| Model | HG322WT |
| Spec. | 1*XPON+1*GE+1*POTS+ WiFi 4+CATV |
| Dimension | 185*120*34mm |



| | |
|-----------|---|
| Model | HG323RGW(T) |
| Spec. | 1*XPON+1*GE+1*FE+ 1*POTS+WiFi 4(+CATV) |
| Dimension | 185*120*34mm |



| | |
|-----------|----------------------------------|
| Model | V2802DAC V5.x |
| Spec. | 1*XPON+2*GE+WiFi 5 (With FEM) |
| Dimension | 178*120*30mm |



| | |
|-----------|----------------------------------|
| Model | V2804DAC V5.x |
| Spec. | 1*XPON+4*GE+WiFi 5 (With FEM) |
| Dimension | 178*120*30mm |



| | |
|-----------|--|
| Model | HG323DAC V5.x |
| Spec. | 1*XPON+2*GE+1*POTS+ WiFi 5 (With FEM) |
| Dimension | 178*120*30mm |



| | |
|-----------|--|
| Model | HG325DAC V5.x |
| Spec. | 1*XPON+4*GE+1*POTS+ WiFi 5 (With FEM) |
| Dimension | 178*120*30mm |

PoE ONU, Non-WiFi ONU, WiFi ONT



Model **V2802DAC**

Spec. 1*XPON+2*GE+WiFi 5

Dimension 178*120*30mm



Model **V2804AC-Z**

Spec. 1*XPON+4*GE+WiFi 5+
1*USB 3.0

Dimension 178*120*30mm



Model **HG323DAC**

Spec. 1*XPON+2*GE+1*POTS+
WiFi 5 (USB Optional)

Dimension 178*120*30mm



Model **V2804AC**

Spec. 1*XPON+4*GE+WiFi 5+
1*USB 3.0

Dimension 178*120*30mm



Model **HG325AC**

Spec. 1*XPON+4*GE+1*POTS+
WiFi 5+1*USB 3.0

Dimension 178*120*30mm



Model **V2802ACT**

Spec. 1*XPON+2*GE+WiFi 5+
1*USB 3.0+CATV

Dimension 178*120*30mm



Model **V2804ACT**

Spec. 1*XPON+4*GE+WiFi 5+
1*USB 3.0+CATV

Dimension 178*120*30mm



Model **HG323ACT**

Spec. 1*XPON+2*GE+1*POTS+
WiFi 5+1*USB 3.0+CATV

Dimension 178*120*30mm



Model **HG325AC(T)-A**

Spec. 1*XPON+4*GE+1*POTS
(+CATV)+1*USB 3.0+WiFi 5

Dimension 180*120*32mm



Model **HG3221D-4G1S2NAC/
HG3221D-4G2S2NAC**

Spec. 1*XPON+4*GE+1/2*POTS+
WiFi 5+1*USB 3.0

Dimension 178*120*30mm



Model **HG323AC-B**

Spec. 1*XPON+2*GE+1*POTS+
WiFi 5+1*USB 3.0

Dimension 115*115*180mm



Model **V2801AX30C-A**

Spec. 1*XPON(PoF)+1*GE+
WiFi 6(AX3000)

Dimension 240*240*48mm



Model **HG3232AX30(T)**

Spec. 1*XPON+4*GE+1*POTS+
1*USB 3.0+WiFi 6(AX3000)+
CATV(optional)

Dimension 260.4*157.4*45.8mm



Model **V2804AX30(T)-A**

Spec. 1*XPON+4*GE+
1*USB 3.0+WiFi 6(AX3000)+
CATV(optional)

Dimension 260.4*157.4*45.8mm



Model **HG325AX15T**

Spec. 1*XPON+4*GE+1*POTS+
1*USB 3.0+WiFi 6(AX1500)+
CATV

Dimension 260.4*157.4*45.8mm



Model **V2804AX15T**

Spec. 1*XPON+4*GE+1*USB 3.0+
WiFi 6(AX1500)+CATV

Dimension 260.4*157.4*45.8mm

PRODUCT SHOWCASE

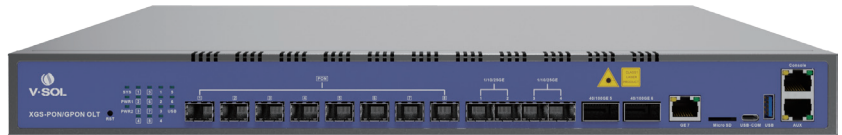
OLT Series

Revolutionary Innovative XG(S)-PON OLT

NEW

V3600G1-C

8*XG(S)-PON/GPON,
1*GE(RJ45)+4*25GE(SFP28)+
2*100GE(QSFP28)



10G Combo PON



100Gbps QSFP28
High-speed Uplink



XGS-PON/XG-PON/GPON
Compatibility

2 Ports XG(S)-PON OLT



NEW

V1600XG02

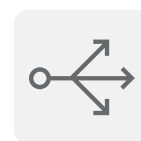
2*XG(S)-PON/GPON,
2*GE(RJ45)+2*10GE(SFP+)



XG/XGS-PON
Optional



10GE
High-speed



Splitting Ratio
up to 1:256

PRODUCT SHOWCASE

OLT Series

2 Ports GPON OLT



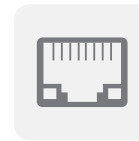
V1600GT

NEW

2*GPON,
2*GE(RJ45)+2*10GE(SFP+)



Minimalist Design
for Small Application



2 PON Port &
2 SFP+ Uplink



Easy Install
Easy O&M

OLT

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Layer 3

2 Ports EPON OLT

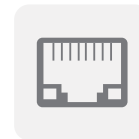
V1601E02-DP

NEW

2*EPON,
4*GE(RJ45)+2*10GE(SFP+)



Minimalist Design
for Small Application



2 PON Port &
2 SFP+ Uplink



Easy Install
Easy O&M

PRODUCT SHOWCASE

OLT Series

Leading Innovative Single-PON GPON OLT



V1600GS(F)

HOT

1*GPON,
2*GE(RJ45)+1*10GE(SFP+)



1*GPON Port
Minimalist Design



Built-in
Optical Module



Extremely
Cost-effective



Easy Install
Easy O&M

OLT

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EPON/10G EPON OLT Series



Model **V1600D-MINI**

Spec. 4*EPON, 4*GE(RJ45)

Dimension 224*200*43.6mm



Model **V1600D4-L**

Spec. 4*EPON, 2*GE(RJ45)+2*GE(SFP)

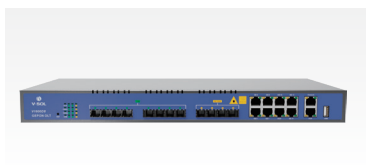
Dimension 442*200*43.6mm



Model **V1600D4-DP(BT) / V1601E04-DP(BT)**

Spec. 4*EPON, 4*GE(RJ45)+4*10GE(SFP+)

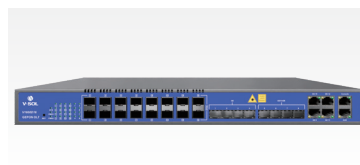
Dimension 442*200*43.6mm



Model **V1600D8**

Spec. 8*EPON, 8*GE(RJ45)+4*GE(SFP)+
4*10GE(SFP+)

Dimension 442*320*43.6mm



Model **V1600D16**

Spec. 16*EPON, 4*GE(RJ45)+4*GE(SFP)+
4*10GE(SFP+)

Dimension 442*320*43.6mm



Model **V3600D8 10G EPON OLT**

Spec. 8*10G EPON+2*GE(RJ45)+2*10GE(SFP+)+
2*25GE(SFP28)+2*100GE(QSFP28)

Dimension 442*369*46.6mm

■ GPON/XG(S)-PON OLT Series



| | |
|-----------|---------------------------------|
| Model | V1600G0-B |
| Spec. | 4*GPON, 2*GE(RJ45)+2*10GE(SFP+) |
| Dimension | 442*220*43.6mm |



| | |
|-----------|---|
| Model | V1600G1-B |
| Spec. | 8*GPON, 4*GE(RJ45)+2*GE(SFP)+2*10GE(SFP+) |
| Dimension | 442*320*43.6mm |



| | |
|-----------|----------------------------------|
| Model | V1600G2-B |
| Spec. | 16*GPON, 4*GE(RJ45)+4*10GE(SFP+) |
| Dimension | 442*320*43.6mm |



| | |
|-----------|--------------------------------|
| Model | V1600G1WEO-B |
| Spec. | 8*GPON, 2*GE(SFP)+2*10GE(SFP+) |
| Dimension | 450*384*180mm |



| | |
|-----------|--|
| Model | V1600GS-O32 |
| Spec. | 1*GPON with 1x32 splitter, 2*GE(RJ45)+1*10GE(SFP+) |
| Dimension | 442*173*43.5mm |



| | |
|-----------|--|
| Model | V3600G1 XG(S)-PON OLT |
| Spec. | 8*XG(S)-PON/GPON, 1*GE(RJ45)+4*25GE(SFP28)+2*100GE(QSFP28) |
| Dimension | 442*330*43.6mm |

■ OLT Accessories



| | |
|-------|----------------------------|
| Model | GPON OLT SFP Class C+++ |
| Spec. | TX Power > 8dBm |



| | |
|-------|-----------------------------|
| Model | GPON OLT SFP Class C++++ |
| Spec. | TX Power > 9dBm |



| | |
|-------|-------------------------|
| Model | EPON OLT SFP PX20+++ |
| Spec. | TX Power > 8dBm |



| | |
|-------|--------------------------|
| Model | EPON OLT SFP PX20++++ |
| Spec. | TX Power > 9dBm |



| | |
|-------|-----------------|
| Model | XGSPON OLT SFP+ |
| Spec. | N2, 20km |



| | |
|-------|---|
| Model | XGSPON Combo OLT SFP+ |
| Spec. | N2/C+, 20km XGSPON & XGPON & GPON Combo |








| | |
|-------|-------------------|
| Model | 10G EPON OLT SFP+ |
| Spec. | PR30/PR40, 20km |

PRODUCT SHOWCASE

Switch Series

Layer 2 Switch

| | | |
|---|--|---|
|  |  |  |
| Model V1004-2F-P | Model V1008-2F-P | Model V1008-2G-P |
| Spec. 4*FE(RJ45,PoE) ports, 2*FE(RJ45,Uplink) ports | Spec. 8*FE(RJ45,PoE) ports, 2*FE(RJ45,Uplink) ports | Spec. 8*FE(RJ45,PoE) ports, 2*GE(RJ45,Uplink) ports |
| Dimension 200*118*44mm | Dimension 200*118*44mm | Dimension 200*118*44mm |
|  |  |  |
| Model V1016-2G-S-P1 | Model V1024-2G-S-P1 | Model V1104-G-S-P |
| Spec. 16*FE(RJ45,PoE) ports, 2*GE(RJ45, Uplink) ports, 1*GE(SFP,Uplink) ports | Spec. 24*FE(RJ45,PoE) ports, 2*GE(RJ45, Uplink) ports, 1*GE(SFP,Uplink) ports | Spec. 4*GE(RJ45,PoE) ports, 1*GE(RJ45, Uplink) port, 1*GE(SFP,Uplink) port |
| Dimension 320*207*45mm | Dimension 320*207*45mm | Dimension 200*118*44mm |
|  |  |  |
| Model V1108-2S-P L2 Switch | Model V1116-2S-P1 L2 Switch | Model V1124-2S-P1 |
| Spec. 8*GE(RJ45,PoE) ports, 2*GE(SFP,Uplink) ports | Spec. 16*GE(RJ45,PoE) ports, 2*GE(SFP,Uplink) ports | Spec. 24*GE(RJ45,PoE) ports, 2*GE(SFP,Uplink) ports |
| Dimension 220*161*44mm | Dimension 440*204*44mm | Dimension 440*280*44mm |
|  |  | |
| Model V1105 | Model V1108 | |
| Spec. 5*GE(RJ45) ports | Spec. 8*GE(RJ45) ports | |
| Dimension 87*54*23mm | Dimension 138*78*25mm | |



Model **V1116**

Spec. 16*GE(RJ45) ports

Dimension 220*161*44mm



Model **V1124-2S**

Spec. 24*GE(RJ45) ports, 2*GE(SFP, Uplink) ports

Dimension 440*204*44mm



Model **V2108-2S-P** L2 Managed Switch

Spec. Uplink port: 2*GE(SFP)
PoE port: 8*GE(RJ45, PoE)

Dimension 268*181*44mm



Model **V2116-2G-2S-P** L2 Managed Switch

Spec. Uplink Ethernet port: 2*GE(RJ45)
Uplink Optical port: 2*GE(SFP)
PoE port: 16*GE(RJ45, PoE)

Dimension 440*204*44mm



Model **V2124-4G-4S-P** L2 Managed Switch

Spec. Uplink Ethernet port: 4*GE(RJ45, Combo)
Uplink Optical port: 4*GE(SFP, Combo)
PoE port: 24*GE(RJ45, PoE)

Dimension 440*280*44mm

Layer 3 Switch



Model **V3528E**

Spec. 24*GE(RJ45) ports,
4*10GE/GE(SFP+) ports

Dimension 440*180*44mm



Model **V3528-P**

Spec. 24*GE(RJ45, PoE) ports,
4*10GE/GE(SFP+) ports

Dimension 440*280*44mm



Model **V3528EF**

Spec. 16*GE(SFP) ports, 8*GE(SFP/RJ45, Combo) ports,
4*10GE/GE(SFP+) ports

Dimension 440*280*44mm



Model **V3552E**

Spec. 48*GE(RJ45) ports,
4*10GE/GE(SFP+) ports

Dimension 440*280*44mm



Model **V3554-P**

Spec. 48*GE(RJ45, PoE) ports,
6*10GE/GE(SFP+) ports

Dimension 440*300*44mm



Model **V5826**

Spec. 24*10GE/GE(SFP+) ports,
2*100GE/40GE(QSFP28) ports

Dimension 440*300*44mm



Model **V3500-28X**

Spec. 24*GE(SFP) ports, 4*GE(RJ45, Combo) ports,
4*10GE(SFP+) ports

Dimension 442*285*43.6mm



NEW

Model **V3501-28G**

Spec. 24*GE(RJ45) ports,
4*10GE(SFP+) ports

Dimension 482.6*166.5*43.6mm



NEW

Model **V3212**

Spec. 12*10GE(SFP+) ports

Dimension 440*205*44mm

PRODUCT SHOWCASE

WiFi 6 Router Series

Ideal for Wireless Networking



HOT

HG5033-AX30-3G

3*GE(1*WAN+2*LAN)+WiFi 6(AX3000)+1*USB 3.0



NEW

HG5033-AX30-4G

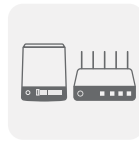
4*GE(1*WAN+3*LAN)+WiFi 6(AX3000)

Router/CPE

18



5-antenna Design
No dead Zone or Weak Signal



Two Styles
to Choose from



Supports
Mesh Networking



Ceiling-mounted WiFi 6 Router(AP)

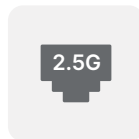
NEW

HG5063C-AX30-1Q

1*2.5GE WAN/LAN+ WiFi 6 (AX3000)



PoE Power Supply



2.5GE Port



FAT/FIT Modes

PRODUCT SHOWCASE

5G/4G CPE Series



Router/CPE

19

Cost-effective 5G CPE

HOT

XTC5151 3GPP Rel.15

5G/4G+3*RJ45(1*WAN/LAN+
2*LAN)+WiFi 6+1*USB 2.0



UNISOC
Makalu Ivy510



Peak Download
Speed up to 2 Gbps



China & Asia
5G Band Support

Industry-leading 5G CPE

HOT

XTC6251 3GPP Rel.16

5G/4G+3*RJ45(1*WAN/LAN+
2*LAN)+WiFi 6+1*USB 2.0



Qualcomm
Snapdragon X62



Peak Download
Speed up to 3.4 Gbps



Global
5G Band Support

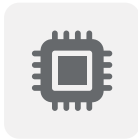
PRODUCT SHOWCASE

WiFi 6 Router, 5G/4G CPE Series

Cost-effective,
Compact WiFi 6 Router



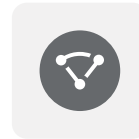
HG5013-4G NEW
4*GE+WiFi 6 (AX3000)



Stable Connection



Low-power



MESH Support

Router/CPE

20



Great Value 5G CPE

XMC5151(e) NEW
5G/4G+1*GE+USIM+(1*RJ11)+Type-C+WiFi 6



4 External
5G Antennas



Up to 2.6Gbps
Download Speed



Extremely
Cost-effective

Wireless Router, 4G/5G CPE



Model **HG3610ACM**

Spec. 1*GE+1*FE+WiFi 5

Dimension 115*115*180mm



Model **HG5020-AX15-3G**

Spec. 3*GE(1*WAN+2*LAN)+
WiFi 6(AX1500)+1*USB 2.0

Dimension 115*115*135mm



Model **HG5020-AX15-4G**

Spec. 4*GE(1*WAN+3*LAN)+
WiFi 6(AX1500)

Dimension 200*143*30mm



Model **HG5033-AX30-3G**

Spec. 3*GE(1*WAN+2*LAN)+
WiFi 6(AX3000)+1*USB 3.0

Dimension 115*115*135mm



Model **HG5033-AX30-4G**

Spec. 4*GE(1*WAN+3*LAN)+
WiFi 6(AX3000)

Dimension 200*143*30mm



Model **HG5063-AX30-1Q3G**

Spec. 1*2.5GE+3*GE+
WiFi 6(AX3000)

Dimension 200*170*43.8mm



Model **XMF1841**

Spec. LTE CAT4+USIM+WiFi 4+
1*Micro USB+2100mAh Battery

Dimension 98.1*59*15.1mm



Model **XMC1841**

Spec. LTE CAT4+2*FE+USIM+
1*RJ11+WiFi 4+1*USB

Dimension 150*105*30mm



Model **XMC1841M**

Spec. LTE CAT4+2*FE+USIM+
1*RJ11+WiFi 4+1*USB

Dimension 150*105*30mm



Model **XMC1841E**

Spec. LTE CAT4+1*RJ45(LAN)+
USIM+WiFi 4

Dimension 150*105*30mm



Model **XMC1842**

Spec. LTE CAT4+1*FE+USIM+
WiFi 4+1*Type-C

Dimension 56.2*56.2*18.9mm



Model **XMC1843e**

Spec. LTE CAT4+4*FE+USIM+
WiFi 4

Dimension 56.2*56.2*18.9mm



Model **XMC2841**

Spec. LTE CAT6+2*GE+USIM+
1*RJ11+WiFi 5+1*USB 3.0

Dimension 150*105*30mm



Model **XMC2841E-V / XMC2841E-NV**

Spec. LTE CAT6+1*GE+USIM+
(1*RJ11)+WiFi 5+1*USB 3.0

Dimension 150*105*30mm



Model **XMC5151(e)**

Spec. 5G/4G+1*GE+USIM+(1*RJ11)+
Type-C+WiFi 6

Dimension 150*105*30mm



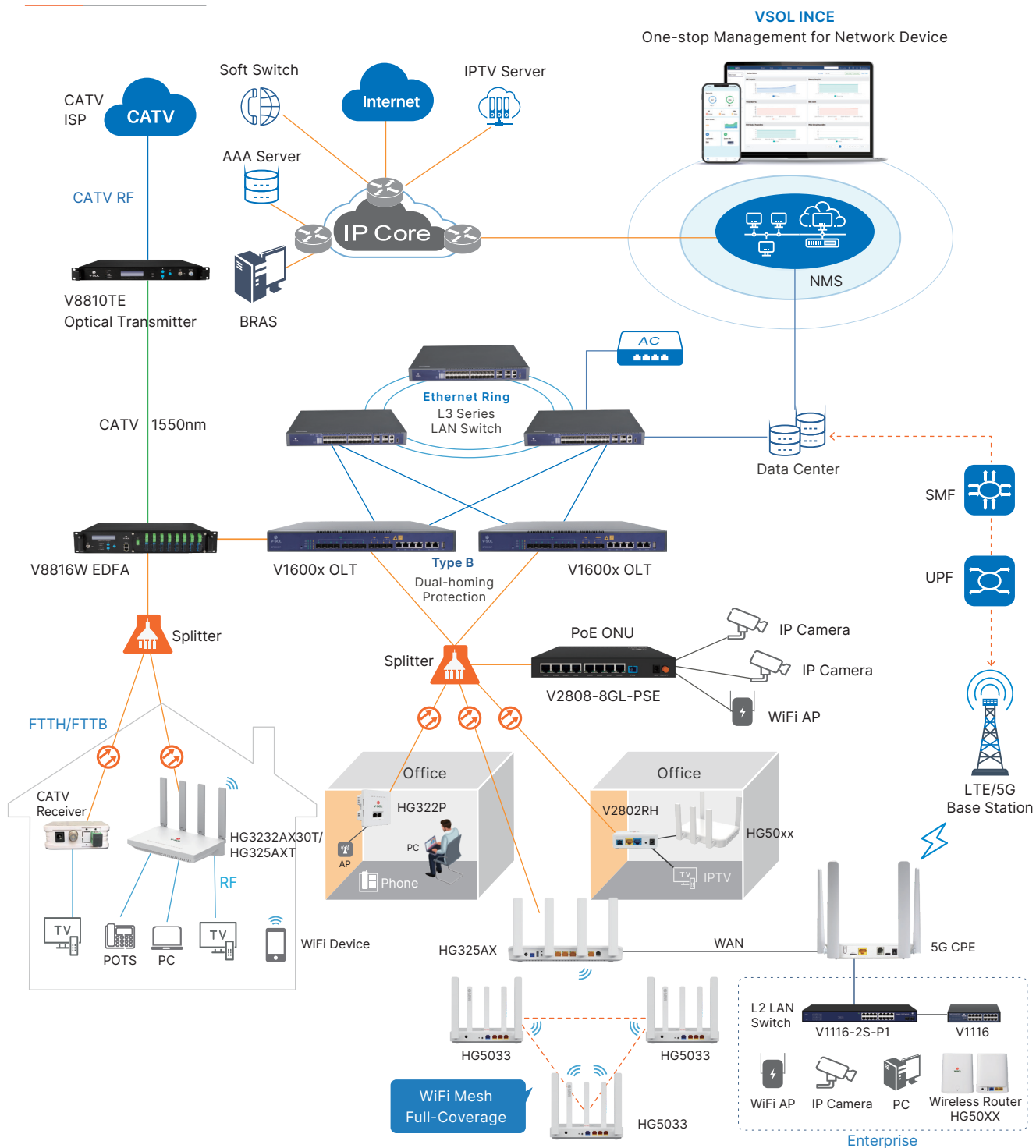
Model **XTC5151 / XTC6251**

Spec. 5G/4G+3*RJ45(1*WAN/LAN+
2*LAN)+WiFi 6+1*USB 2.0

Dimension 112*110*224mm

SOLUTIONS

VSOL Product Overall Solution



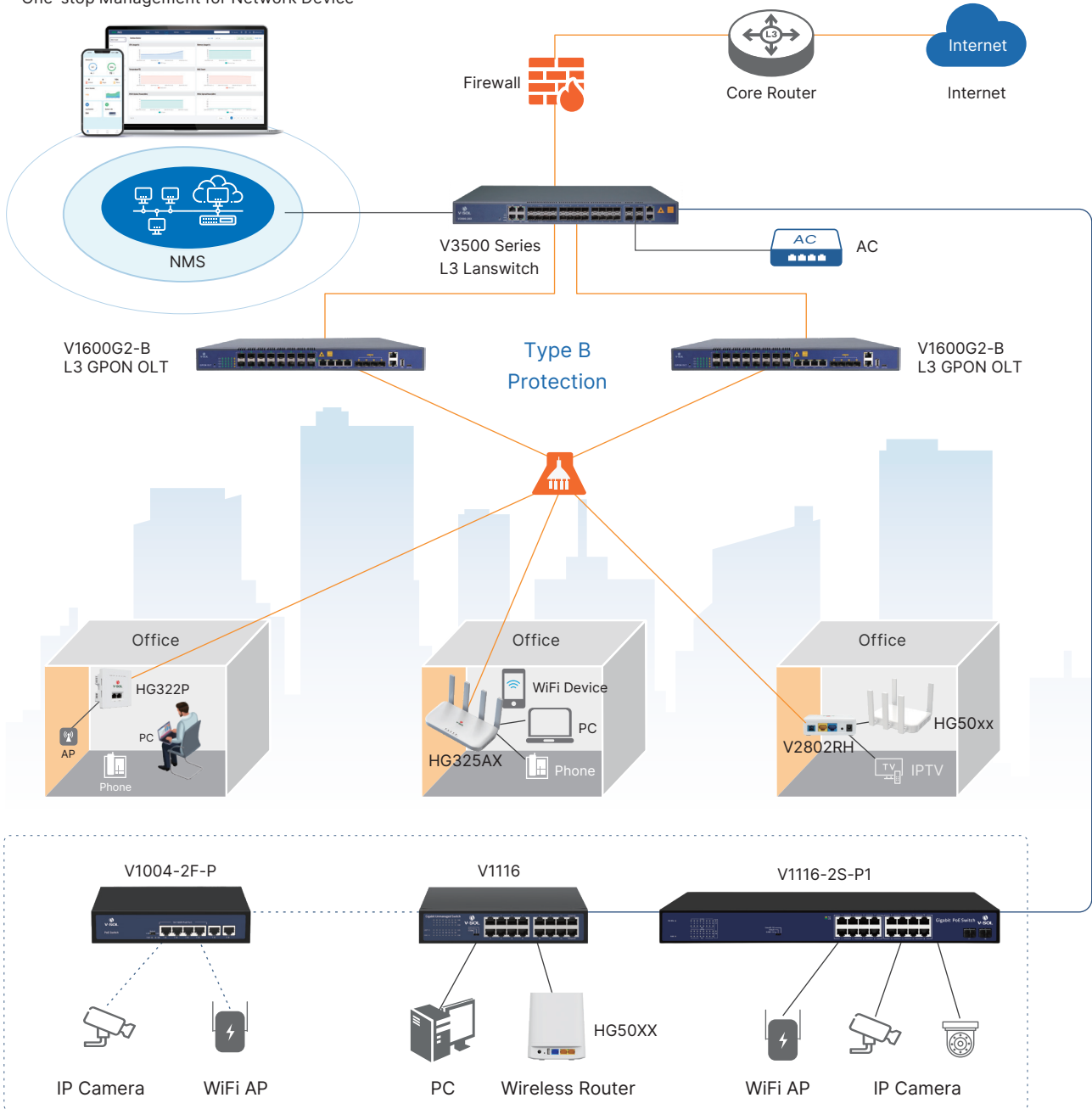
Advantages

- **High reliability, high performance, wide coverage, full set of fixed network PON + mobile wireless broadband network solutions.**
 - Type B dual-homing protection, Ethernet Ring, protection, dynamic routing, 5G broadband backup, maximum guarantee of smooth link.
 - PON and Ethernet fiber line connection (PON extension ≥ 20km, optical Ethernet ≥ 10km).
- Support local and cloud-based network management, support WIFI roaming (AC+AP and Mesh networking scenarios optional) .
- Low cost of Q&M for flat POL networking, low cost of Layer 2 Ethernet construction, flexible scenario selection.

SOLUTIONS

VSOL POL Enterprise Solution

VSOL INCE
One-stop Management for Network Device

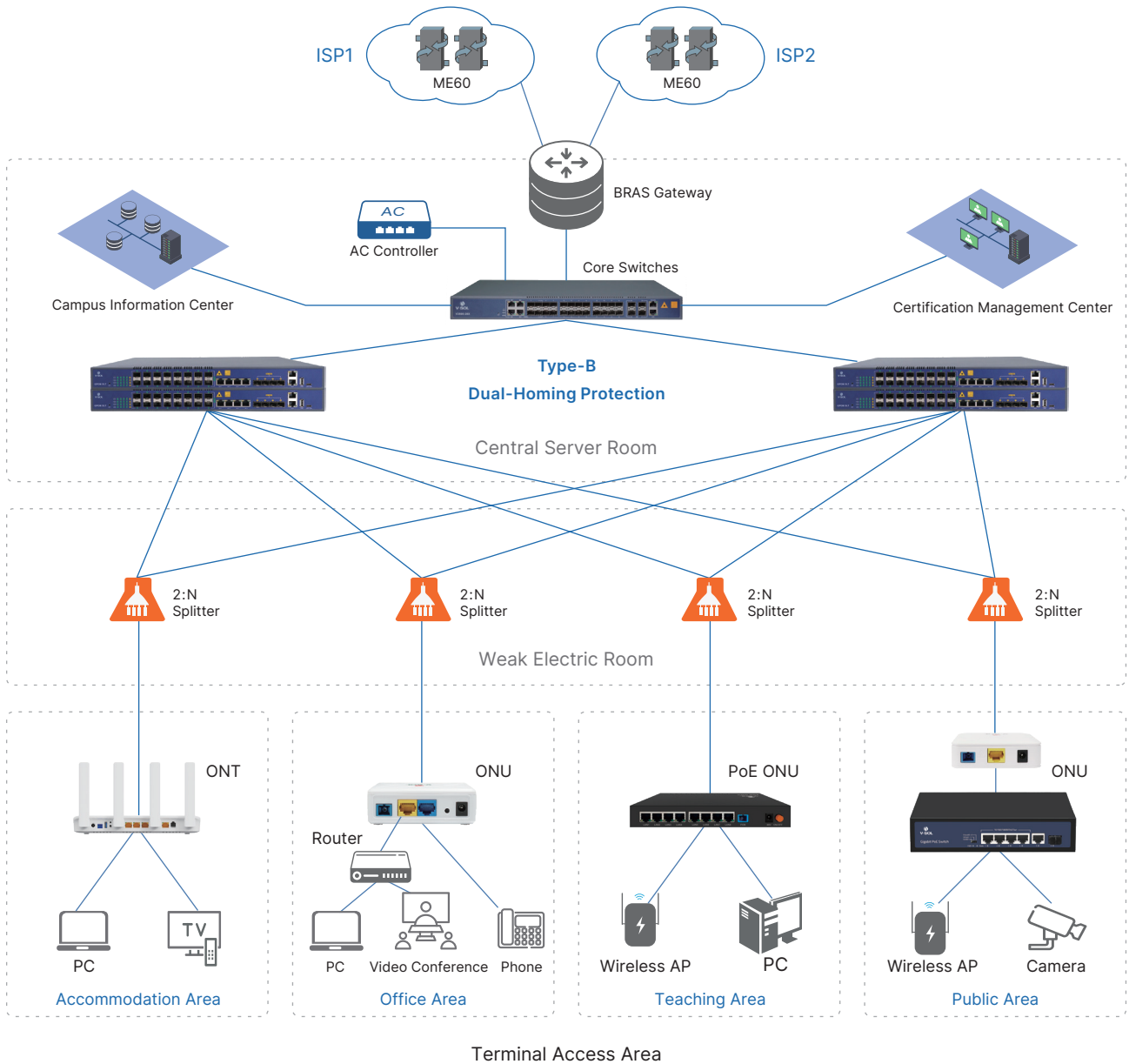


Advantages

- **High reliability, high performance, wide coverage**
 - POL's Type B dual-homing protection;
 - PON and Ethernet fiber line connection (PON extension ≥ 20km, optical Ethernet ≥ 10km).
- Support local and cloud network management, support WiFi roaming.
- Low Q&M cost for flat POL network, low construction cost for Layer 2 Ethernet (for small enterprises), flexible options.

SOLUTIONS

■ VSOL Campus Network Solution



■ Applications

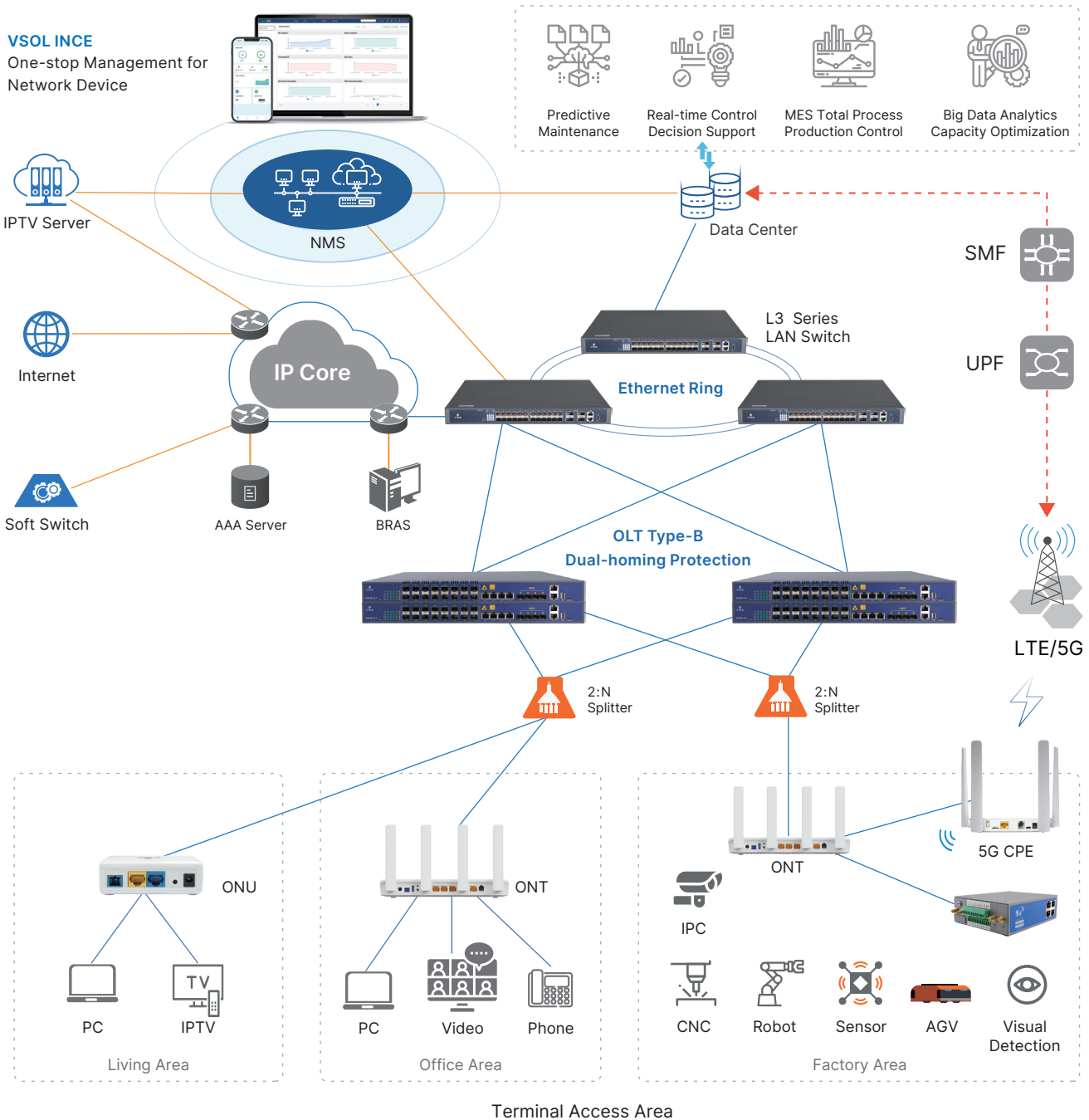
- OLT+ONU large layer 2 all-optical network architecture network, the backbone network adopts Type-B Dual-Homing Protection Unified access management;
- Independent fiber to the dormitory, convergence ONU to achieve integrated wired and wireless access;
- Independent fiber to the office area, teaching area, public area, a classroom fiber, desktop cloud, video surveillance and other services unified bearer.

■ Advantages

- Re-planning of the whole campus line, transmission capacity and service bearing capacity are effectively improved;
- Improve the efficiency of Q&M management, and shorten the service opening time by more than 70%;
- Fault rate and maintenance volume are greatly reduced, and fault handling time is shortened by more than 50%;
- IPV4 & IPV6 dual stack, realizing unified bearing and management of the whole campus network.

SOLUTIONS

VSOL Smart Factory Solution

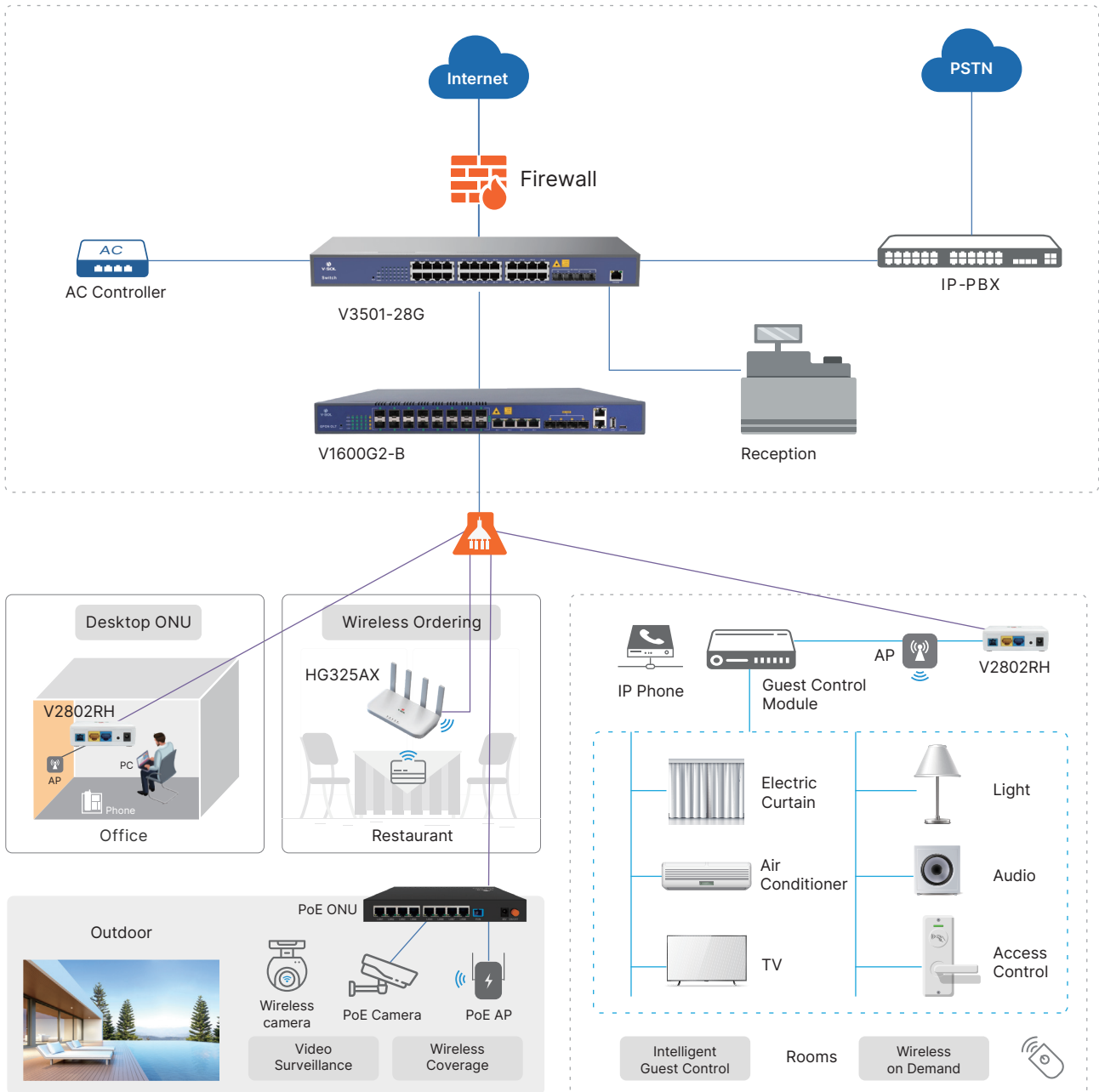


Advantages

- Smart factory remote CNC uses 5G and PON networking with large bandwidth and short time delay to ensure the reliability and safety of data collection and remote control;
- Industrial grade 5G CPE ensures the diversity of data interfaces and access to various sensors and control ports;
- OLT dual attribution protection mode ensures the security of backbone lines;
- 5G and PON dual line backup, intelligent line detection and automatic switching to ensure service stability;
- EMS and TR069 operation and maintenance platform to facilitate unified management of campus equipment.

SOLUTIONS

VSOL POL Hotel Wireless Roaming Solution



Applications

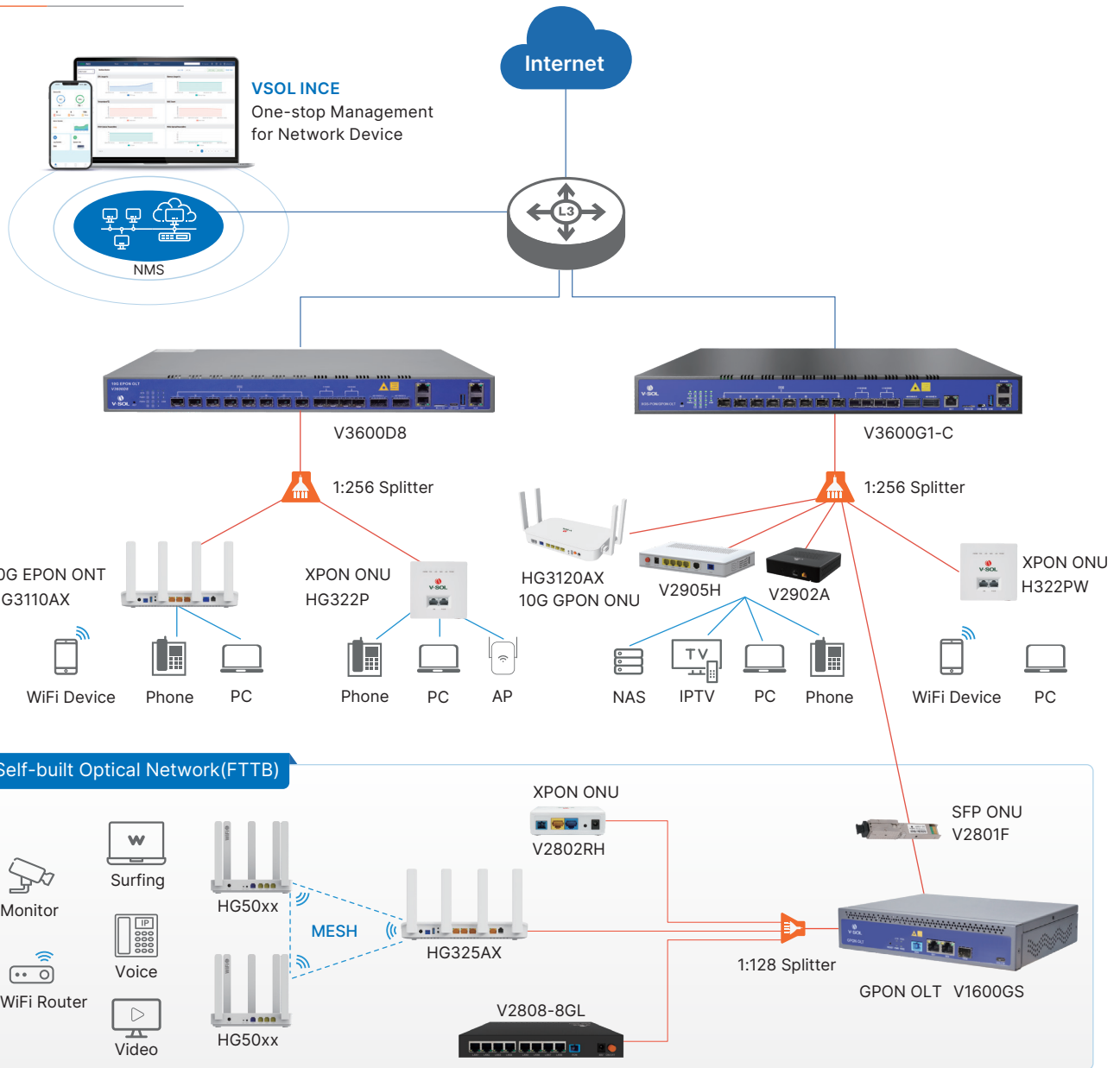
- Guest room intelligent control, wireless on-demand;
- Wireless ordering in the restaurant;
- Wired/wireless (WLAN) based voice service;
- Video monitoring of outdoor wired inaccessible areas;
- Outdoor wireless network coverage.

Advantages

- One fiber multi-service, simplified wiring, efficient deployment, green energy saving;
- Room service is timely, guest satisfaction is high, and hotel brand is improved;
- One-click customer service, easy to operate and low operation and maintenance;
- WiFi 5 / WiFi 6 wireless broadband, AC+AP roaming;
- The hotel management and service level has been significantly improved.

SOLUTIONS

VSOL F5G Solution

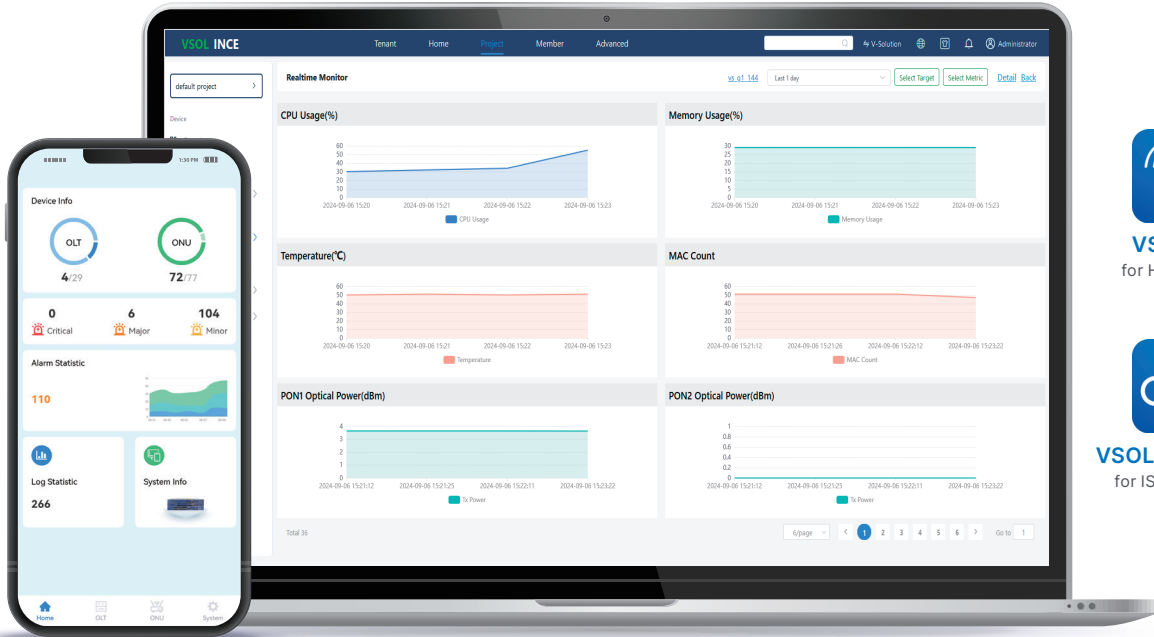


Advantages

- Higher Bandwidth:** 10G PON breaks the bandwidth bottleneck of PON technology and achieves a downlink speed of 10Gbps, greatly improving broadband access speed and quality.
- More User Access:**
 - 10G PON splitters have a split ratio of up to 1:256, supporting more user access;
 - The adoption of OLT Type B dual-homing protection to guarantee the security of backbone lines.
- More Secure Network:** 10G PON all-optical network solution adopts advanced WiFi 6 encryption technology WPA3, which makes users' network security more effectively guaranteed.
- WiFi 6 Technology:** Which supports super-gigabit WLAN rates, allowing access to more users and enhancing user experience.
- FTTB Solution:** Provide an economical, affordable, flat, flexible self-built optical network.
 - Why Fiber: Replace network cable, large capacity, green environmental protection, long service life, once deployed for 20 years without worry;
 - Why PON : Support up to 128 ONU access and flexible deployment to meet the needs of Internet access, voice, video and data transmission, etc.


CLOUD EMS

■ VSOL INCE (VSOL Intelligent Network Cloud Engine)




Cloud EMS


28


Cloud Platform


- Public Cloud Deployment
- Can be Deployed in Linux System
- Global Coverage


One-stop Management


- Integration of EMS+TR069 ACS+MQTT
- Unified Management of OLT & ONU & Switch & Router
- Full Coverage of ISP/Operator & Enterprise & End User


Equipment Batch Management, Plug & Play


- Automatic Authorization Management
- Execution Plan Management
- Support 10000+ Equipment Management


Real Time Data Collection & Analysis

- Real Time Collection of System and Equipment Status
- Graphical Data Analysis
- Flexible Data Backup


Intelligent Monitoring & Alarm

- Real-time Monitoring & Alerts
- Customizable Alarm Rules
- Support Email / SMS Push


Mobile APP Management (Android/iOS)

- Remote Monitoring
- Real Time Management
- One-touch O&M

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