

○ Hardware Parameter

Dimension	100mm×92mm×30mm (L×W×H)
Net weight	140g
Operating condition	<ul style="list-style-type: none"> • Operating temp: -10 ~ +55°C • Operating humidity: 5 ~ 95% (non-condensing)
Storing condition	<ul style="list-style-type: none"> • Storing temp: -40 ~ +70°C • Storing humidity: 5 ~ 95% (non-condensing)
Power adapter	DC 12V/0.5A, external AC-DC power adaptor
Power supply	≤4.2W
Interfaces	1GE+CATV
Indicators	POWER, LOS, PON, LAN, CATV

○ Interface Parameter

PON interface	<ul style="list-style-type: none"> • 1XPON port(EPON PX20+ and GPON Class B+) • SC single mode, SC/APC connector • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, RX1490nm, CATV 1550nm
LAN interface	1*GE Auto-negotiation RJ45 ports
CATV interface	<p>V2801D V2:</p> <ul style="list-style-type: none"> • RF Optical power : +2~-18dBm • Optical receiving wavelength: 1550±10nm • RF frequency range: 47~1000MHz • RF output impedance: 75Ω • RF output level: ≥ 70dBuV(0~-15dBm) • AGC range: 0~-15dBm • MER: ≥32dB(-14dBm optical input) <p>V2801D V3:</p> <ul style="list-style-type: none"> • RF Optical power : 0~-3dBm • Optical receiving wavelength: 1550±10nm • RF frequency range: 47~1000MHz • RF output impedance: 75Ω • RF output level: ≥ 60dBuV (0~-3dBm) • AGC range: not support • MER: ≥32dB(0~-3dBm optical input)

○ Function Data

PON mode	XPON Dual Mode
Uplink Mode	Bridging and Routing Mode Well connect with OLTs of mainstream
CATV	Support CATV Rremote management
Standard	<ul style="list-style-type: none"> • Support CTC OAM 2.1 and 3.0 • Support ITUT984.x OMCI
Layer2	<ul style="list-style-type: none"> • 802.1D&802.1ad bridging • 802.1p CoS • 802.1Q VLAN
Layer3	<ul style="list-style-type: none"> • IPv4 • DHCP Client/Server • PPPoE, NAT, DMZ, DDNS
Multicast	• IGMP v2/v3, IGMP snooping
Security and Firewall	<ul style="list-style-type: none"> • Prevent Rogue ONU • DDOS, Filtering Based on ACL/MAC/URL
O&M	Support EMS\WEB\Telnet\CLI and unified network management of VSOL OLT

Product Name	Product Description	Accessories
V2801D V2	1GE+CATV(AGC)	AC-DC power adaptor: DC12V/0.5A
V2801D V3	1GE+CATV(Passive)	AC-DC power adaptor: DC12V/0.5A