

OnSite™ VDSL2/ADSL2+ Router

Model OS2201



The OnSite 2201 offers premium performance in a small package. This cost-effective VDSL2/ADSL2 router provides the bandwidth needed for today's bandwidth hungry, all-IP connected world.

Supports 100-Mbps Asymmetrical Line Rate

Provides near fiber performance for bandwidth intensive applications.

Operates Over Twisted Pair

Reduces the cost and hassles of new installations. Uses installed voice-grade twisted pairs to eliminate the expense of installing network or fiber cable.

Flexible Deployment

Supports full ADSL2/ADSL2+ or ADSL+ fallback.

Firewall

Surf the Internet safely and securely.

Full VDSL2 Profile Support

Support for 8a, 8b,8c, 8d, 12a, 12b, 17a, and 30a.

TR-069 Compliant

Eases management and can reduce hot-line costs significantly.

Patton's VDSL2 solutions allow service providers and enterprises to leverage their existing twisted pair for enabling the next generation high speed services and applications. Providing speeds of over 100 Mbps, VDSL2 is the perfect technology for the delivery of high quality triple-play services (IPTV, VoIP, WWW) or for providing high speed data backhaul throughout a campus.

The OS2201 is a small but feature-rich single-port bridge/router that is used for accessing the Internet or private network via a VDSL2/ADSL2+ connection. This connection is delivered by your service provider or, in campus or Multi-Tenant Unit applications, your privately owned DSLAM.

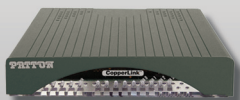
The OS2201 is fully compliant with VDSL2 standards—including G.Vector—and supports VDSL2 profiles from 8a to 30a. Because we are standards based, you can count on reliably connecting to Patton's VDSL2 DSLAM or to a third-party device or service.

This modem may be small, but it packs a punch when it comes to features. The OS2201 supports bridging, static and dynamic routing, IPv4/IPv6, ACLs, TR-069 and a host of firewall/security features that help ensure a safer and more secure Internet experience.

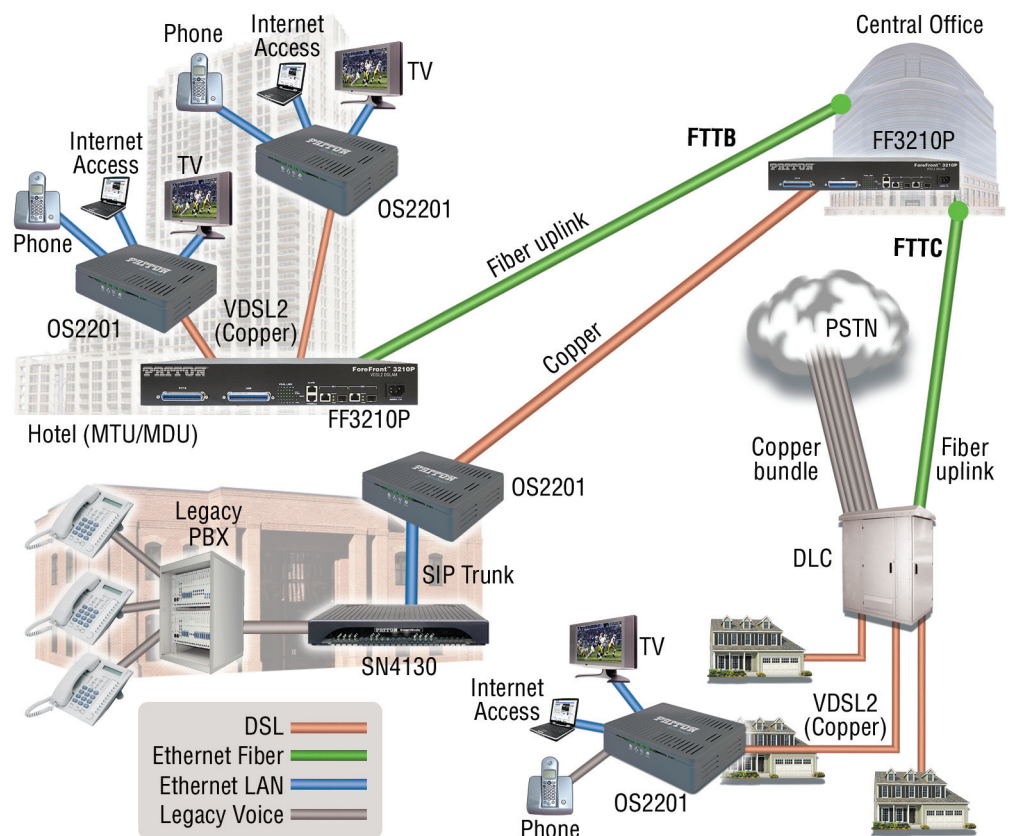
Patton VDSL2 Products



ForeFront Model 3210P
24-Port VDSL2 DSLAM



OnSite Model 1069DV
VDSL2 Point-to-Point Bridges
Optional Built-in POTS/ISDN Splitters



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Specifications*

Basic Interfaces

- RJ-11 x 1 (VDSL2/ADSL2+)
- RJ-45 x 1 (LAN-10/100BaseTx)
- IEEE 802.3, IEEE802.3u
- Auto-Sensing 10/100BaseTX
- Auto-MDI/MDI-X
- Reset button x 1
- Power button x 1

VDSL2/ADSL2+ Compliance

- ANSI T1.413 Issue 2
- G.992.1 (G.dmt); G.992.2 (G.lite); G.992.3 (ADSL2, G.dmt.bit); G.992.4 (ADSL2, G.lite.bis); G.992.5 (ADSL2+); G.993.1 (VDSL)
- G.993.2 (VDSL2)
- G.994.1 (G.hs)
- G.Vector
- G.998.4 Retransmission
- Annex A, M and L (OS2201/A)
- Annex B and J (OS2201/B)
- VDSL Profile up to 30a supported

Data Transmission Rate (Adaptive @ 32kbps steps)

- Upstream up to 100 Mbps
- Downstream: Up to 150 Mbps

PPP/ATM Attributes

- PPP over ATM PVC (RFC 2364)
- PPP over Ethernet (RFC 2516)
- PPPoE pass through
- PPP over AAL5 (RFC 2364)
- Classical IP over ATM (RFC 2225)
- PPP over Ethernet (PPPoE) Relay and Client
- RFC-1483/2684 LLC/VC-Mux bridged/routed mode
- PAP, CHAP, MS-CHAP authentication
- Up to 8 PVCs for UBR
- QoS over CBR, VBR-rt and VBR-nrt and UBR
- OAM F4/F5 Loopback

Bridging/Networking (Layer 2)

- IEEE 802.1d transparent bridging
- Dynamic learning of MAC addresses
- DHCP Server/Client/Relay

Management

- Web GUI
- Easy Configuration CDROM
- Firmware upgrades through HTTP, TFTP
- Configuration File Backup and Restore
- Telnet
- SNTP
- TR-069 Remote Management

Routing (Layer 3+)

- IPv4/IPv6
- NAT Static Port Mappings, NAT/NAPT
- Static route, RIP v1/v2
- MAC Encapsulation Routing
- IGMP Proxy v1/v2 Multicast
- IGMP snooping v1/v2

- DNS Relay
- Dynamic DNS
- UPnP)

Security

- IP/Port Filtering
- MAC Filtering
- Denial of Service (DOS)
- DMZ
- ACL (Access Control List)

Physical

- Unit Weight: 0.130 kg
- Unit Dimensions: 171W X 122H X 39D mm
- Packaged (Kit) Weight: 0.370 kg
- Packaged (Kit) Dimensions: 130W x130H x86D mm

Power

- Input: AC 100-240V
- Output: 12VDC/max 0.1A
- Consumption: Less than 7W

Environmental

- Operating Temp.: 0 to 40 °C
- Storage Temp.: -40 to 70 °C

Ordering Info

Obtain ordering info for this product by using the QR code at right or by contacting:

- web: http://www.patton.com/products/product_detail.asp?id=547&tab=Ordering
- email: sales@patton.com
- tel: +1 301.975.1000



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