



# VDSM2-1524

## 24-Port VDSL2 IP DSLAM

VDSM2-1524 is a 24-port VDSL2 IP DSLAM with 2 Gigabit Ethernet Combo interfaces built-in a 1.5U height design. VDSM2-1524 offers the fastest data rate over the existing copper infrastructure. In order to connect with the growing broadband applications, VDSM2-1524 provides the idea solution in the last mile. VDSM2-1524 is able to provide a faster data transmission easily with the latest VDSL2 technology in order to handle the rapidly growing demands of triple-play media. VDSM2-1524 supports the switch management functions, such as port speed configuration, port link aggregation, IEEE 802.1Q VLAN, Q-in-Q VLAN, and ACL security. In addition, it is featured with advanced functions, such as IGMP snooping, QoS, bandwidth control and etc. VDSM2-1524 allows its users to provide a better secured network service with enforcing security policies, such as MAC filter, Static MAC, IP/MAC binding and port security.

### Features

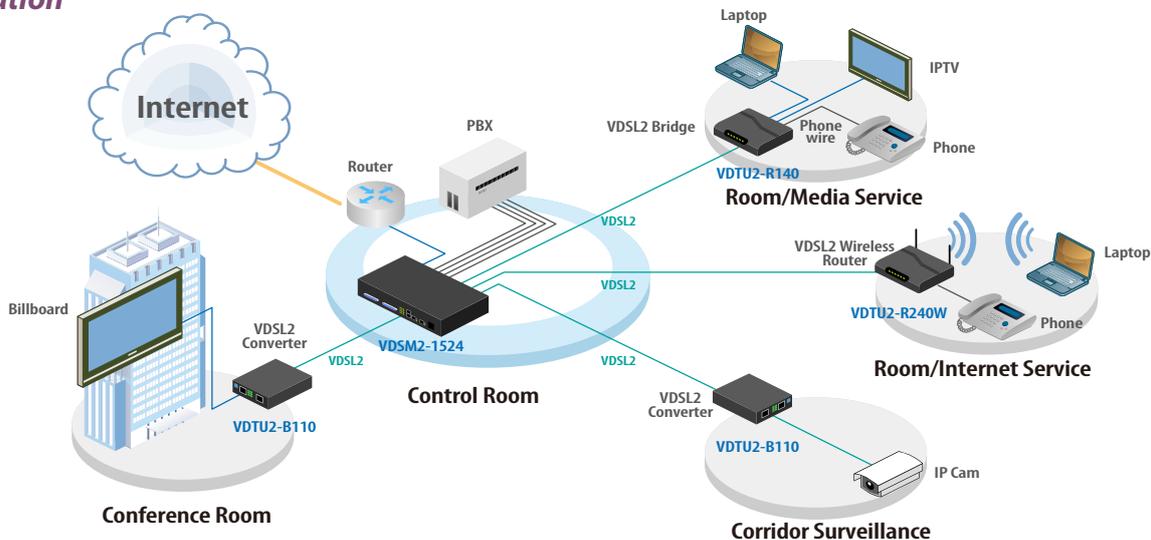
- 1.5U design, 24 VDSL2 ports splitter
- Supports VDSL2 Profiles, 8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a
- Supports Traffic Classification, such as QoS, ToS, DSCP, etc
- Supports L2/L3 Content Filtering
- Configuration backup and restoration
- Supports, Port-Based VLAN, Protocol-Based VLAN, VLAN Mapping, etc
- Supports L2 Bridge Functions (IEEE 802.1d) and Multicast.
- DHCP Server/Relay/Client
- DNS Proxy
- Flexible Deployment and Maintenance.
- Web-based management with a user friendly interface.

### Specifications

<b>Chassis</b>	1.5U High
<b>Interfaces</b>	24 VDSL2 Ports Two RJ-45 100/1000Mbps Ethernet Combo Ports Management Ethernet 1 x RS-232 Serial Console POTS Splitter
<b>LED Indicators</b>	SYS, ALM, LINK, ACT 24 x VDSL LEDs
<b>Standards</b>	VDSL2 ITU-T G.993.2 VDSL2 Profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a 802.1d L2 Bridging DHCP Server/Client/Relay IEEE 802.1Q VLAN (Port-based VLAN and Protocol-Based VLAN) VLAN Stacking (Q-in-Q) IEEE 802.1p Spanning Tree Protocol (STP) IEEE 802.3ad Link Aggregation

<b>Protocols</b>	IGMP Snooping/Proxy v1 and v2 Multicast Forwarding with IGMP Snooping v1 and v2 (RFC 1112 and RFC 2236) Up to 512 Multicast Channels Fast and Normal Leave Modes
<b>Security</b>	L2 Frame Filtering by MAC Addresses L3 Frame Filtering by IP Addresses, protocol ID, and TCP/UDP DHCP and ARP Broadcasting Frames Filtering
<b>Management</b>	Supports Secured Forwarding Supports OAM&P Functions Supports VLAN Priority Queue (IEEE 802.1p) Supports CoS, ToS, DSCP, etc. Supports SNMP v1/v2/v3 and MIB I/II Web-based Graphical User Interface, Telnet, CLI and SSH
<b>Environment</b>	Operating Temperature : -10 ~ 50°C Storage Temperature : -40 ~ 70°C Relative Humidity : Up to 95% (non-condensing)

### Application



### Ordering Information

Model Name	Description
VDSM2-1524	24x 10/100-TX Ports VDSL2 IP DSLAM with 600 ohm POTS Splitter

Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.