

DCombus.

MVM204

VDSL2 Managed Bridge with 4 port Ethernet Switch



MVM204 is an Ethernet-over-VDSL bridge that complies with various VDSL2 standards, and provides broadband service over existing telephone wiring. Easy connection to PC, IP-STB and other LAN in residential and business environment can be made with its four 10/100Base-T Ethernet ports. Quality of multimedia service is secured effectively with its powerful traffic control and management functions such as multicasting and QoS. Network management is implemented so it can be easily configured and managed remotely as well as locally via console, telnet, web and SNMP.

Key Features

- ❑ Compliant with ITU-T G.993.1(VDSL) and G.993.2(VDSL2)
- ❑ Optional U0 band for long reach application
- ❑ Symmetric line data rate up to 100 Mbps
- ❑ 4 FE 100BaseT LAN ports + 1 PSTN port with built-in Splitter
- ❑ Ethernet ports capable of automatic speed sensing and crossover detection-and-correction
- ❑ Various system management via console, telnet, web and SNMP
- ❑ Remote firmware upgrade via FTP and TFTP
- ❑ Built-in Layer 2 switch supporting port based VLAN and tagged VLAN, DHCP client STP (Spanning Tree Protocol), DHCP client
- ❑ Traffic classification based on DSCP, IP precedence or ingress port

Specifications

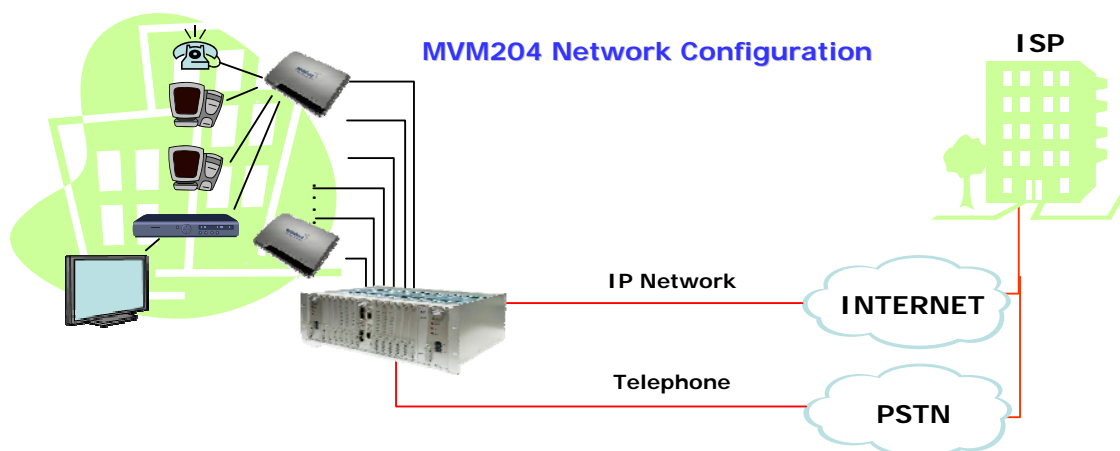
MVM-204

Hardware

- CPU
 - ARM946ES core, 133 MHz clock speed
- User Interface
 - 1 x VDSL Interface (RJ-11)
 - 1 x PSTN Interface (RJ-11)
 - 4 x FE 100BaseT LAN ports (RJ-45)
 - 1 x Console port (Optional)
- LEDs: POWER, SYSTEM, LINK, ACT, LAN 1, LAN 2, LAN3, LAN4
- Power Module Input: 100 ~ 240VAC, 50/60Hz
- Power Module Output: +5VDC, 2A
- Dimension (mm) : 200(W) x 140(D) x 30(H)
- Weight : Max. 300g

Software

- 32 VLANs
- IEEE 802.1Q VLAN tagging on uplink port and client port
- One untagged VLAN (without 802.1Q header) and tagged VLANs (with 802.1Q header) together on the uplink port
- IGMP, Leave Suppression
- Spanning Tree Protocol
- QoS:
 - Classification based on DSCP or ingress port
 - Scheduling: PQ or WRR
- SNMP v2
- DHCP client
- Telnet server for CLI administration
- HTTP server
- FTP server
- RS232 console port
- TFTP client for software and configuration upload and download
- Rate Limiting
- Firmware upgrade via WEB or FTP
- WEB-based Management



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