

Features

- Pizza box type VDSL2 DSLAM
 - 1 AC Power
 - 8 port VDSL2
 - Splitter for 8 subscribers
 - 2 FAN
- 16MB Memory
- Support VDSL Specification
 - Line Coding : DMT
 - Standard profile support
 - Symmetric 4K FFT/IFFT engine
 - Backward compatibility to VDSL1 spec
 - Fully compliant VDSL2 standard
 - 64/65 and HDLC support , including EFM pre-emption
 - Multimode support (VDSL2, VDSL1, ADSL2+, ADSL)

VDSL2 DSLAM

U3108B



System Overview

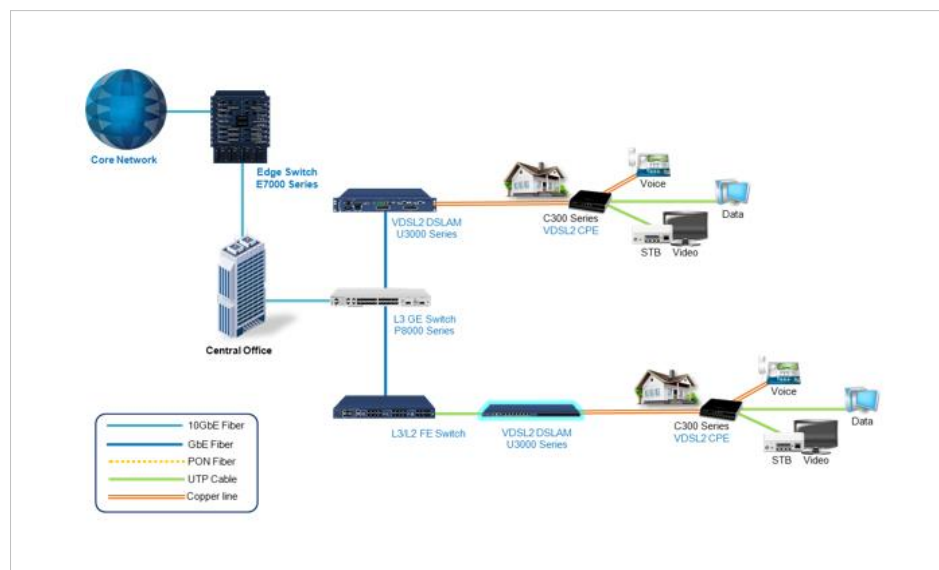
UbiQuoss 3108B provides users with voice and data communication service using VDSL2 (Very high-data rate Digital Subscriber Line) technologies. It is suitable for providing more advanced services to the users in apartments, building, hotel etc since it can save cost because it uses the existing telephone lines without requiring additional category 5 cabling.

UbiQuoss 3108B provides 8 port VDSL2 service interface and 8 port 10/100Base-TX for connection to Layer 2 switch to allow enterprises or service provider's customers to build optimized network environment economically.

By implementing state-of-the-art DMT method of VDSL2 service interface, it guarantees the transfer speed of 100/100 Mbps of sync/async maximum transfer speed.

All the ports of UbiQuoss 3108B VDSL support full duplex communication. Because full duplex communication type allows the both directions of traffic to flow at the same time, the link bandwidth can be effectively extended twice. And all the 10/100Base-TX ports provide the function to set optimized communication mode automatically.

Deployment Diagram



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Specification

HW Specification

System Architecture

- Pizza box type VDSL2 DSLAM
 - 1 AC Power
 - 8 port VDSL2
 - Splitter for 8 subscribers
 - 2 FAN

Memory

- 16MB Memory

Physical Dimension

- 435mm(W, Rack Guide included 480.6mm) x 300mm(D) x 22mm(H)
- 2 Kg

Environment Condition

Power supply and frequency

- 5V DC / 2A
- AC Power Input : 100~240 V / 50~60 Hz
- DC Power Output : 5V / 2A

Power Consumption

- Max. 20.9W

Temperature

- -10 ~ 50°C (Operate)
- 5 ~ 85% (Humidity)

Media Interfaces

Interface Type

- Uplink : 8port 10/100Base-TX
- Downlink : VDSL2 8port

Management

- 100Base-TX (RJ-45 type)

Console

- RS-232C Serial Port (RJ-45 type)

VDSL Specification

VDSL2 Standard

- Line Coding : DMT
- Standard profile support (8a/b/c/d, 12a/b, 17a, 30a)
- Symmetric 4K FFT/IFFT engine
- Backward compatibility to VDSL1 spec
- Fully compliant VDSL2 standard
- 64/65 and HDLC support , including EFM pre-emption
- Multimode support (VDSL2, VDSL1, ADSL2+, ADSL)

ubiQuoss

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