

IRIS 800

IRIS 800 Digital Subscriber Line Access Multiplexer (DSLAM)

Iris 800 DSLAM from DCombus integrates several shdsl line interfaces into the one platform. It is capable of handling maximum of 32 shdsl lines and offers 10/100/1000M Ethernet uplink. It reduces the needed device space and overall cost via port integration. Iris 800 has enhanced management features over network. The packet based traffic can be forwarded according to VLANs (IEEE802.1Q) and so called double tagging is also supported. Several shdsl ports can belong into one VLAN.

In data communications equipments the quality of service (QoS) type of features can be used to guarantee certain service levels for end users. The QoS functions in Iris 800 can prioritize VLAN traffic according to defined priority queues. Several end user protocols and applications benefit this since those might be delay sensitive or need guaranteed bandwidth.

Iris 800 DSLAM can be managed over a secure SSH link via network or trough console port or with http browser via WEB UI. The system supports also SNMP monitoring. The SW/FW upgrades can be done directly with the CLI (Command Line Interface) over network with http/ftp protocol. The remote shdsl CPE modems (Iris 10/20) can be fully managed and monitored, including SNMP, with the Iris 800 management.

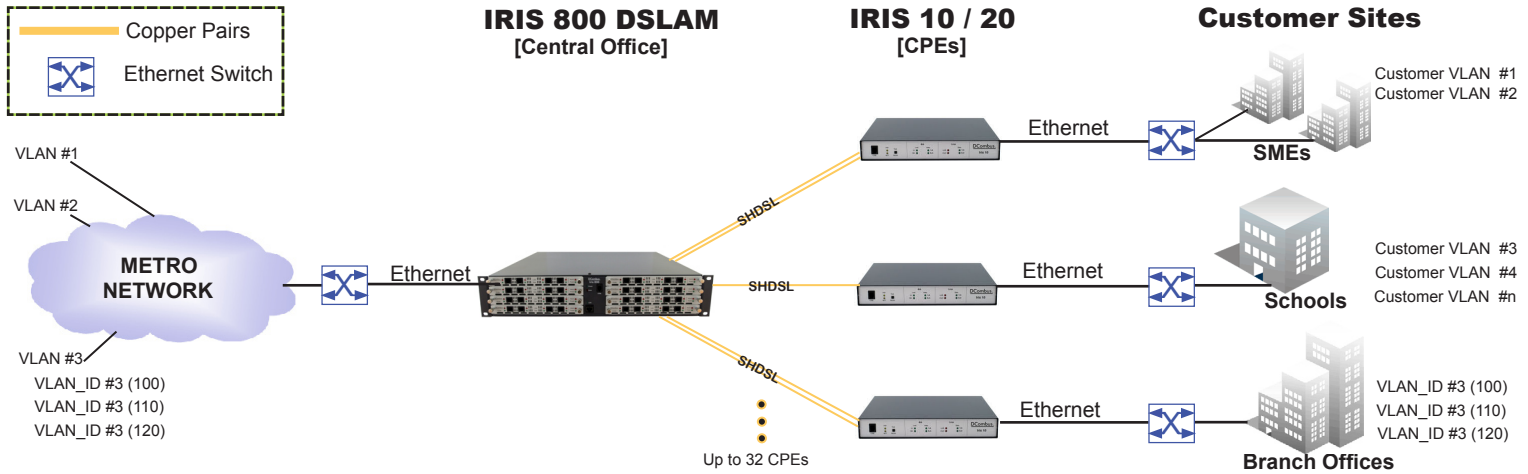
Main Features

- 32 port of 5.7 Mbps or 16 x 11.4 Mbps g.shdsl with bundling two ports
- 10/100/1000M Base-T Ethernet uplink port
- IEEE 802.1Q VLAN
- QoS
- SNMP
- CLI management over SSH

Applications

- High speed business broadband integration
- 3G mobile networks IP backhaul
- Ethernet over Copper
- VLAN, LAN, MAN
- Security and surveillance integration
- Triple play - VoIP, video, data
- L2 QoS

DCombus DSLAM - Point to Multipoint



TECHNICAL SPECIFICATIONS

Uplink

- 10/100/1000M Base-T Ethernet
- Auto negotiate, Manual 10/100/1000M, Full/half duplex
- VLAN tag
- RJ-45 connector

G.shdsl Linecard

- 4 ports, RJ6/6 connector, HotSwap
- Max 5.7 Mbps line rate for each 4 ports (1-pair copperline)
- Max 11.4 Mbps line rate by bundling two ports (2-pair copperline)
- TC-PAM G.991.2
- Full support to Iris 10/20 devices

Protocols

- IP, TCP, UDP, ICMP
- FTP, http, SNMP, SSH

VLAN

- VLAN priority to each Ethernet port
- IEEE 802.1Q tag
- VLAN ID double tag
- VLAN group based MAC address tables

QoS

- Data traffic prioritizing based on VLAN priority or IP/TOS

Management

- CLI maintenance over SSH link or via console port
- Monitoring, configuration exchanges
- SNMP support
- Remote CPE modems management
- Upgrades (SW/FM) over http/ftp
- RJ4/4 connector of console cable

Dimensions

- 444 x 440x88 mm (19" rack mountable)
- 2U high in 19" rack mountable

Power Supply

- 230 VAC, 50 Hz, max. 150 W
- 48 VDC /230 VAC redundant

Order information

Iris 800 DSLAM chassis, GbE Uplink, CPU, 8 slots for CLS4-shdsl linecards

Power Supply alternatives :

Single, 230 VAC

Redundant, 2 x 230 VAC / 48 VDC

Redundant, 1 x 230 VAC + 1 x 48 VDC

The CLS4 shdsl linecard, 4x5.696 Mbps or 2x11.392 Mbps

Iris 800 DSLAM modular cable, 4m

Iris 800 DSLAM modular cable, 8 x 4m bundle. Ask for more Iris 800 DSLAM cable options

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