DCombus.

FRONTPAGE   COMPANY   PRODUCTS   APPLICATIONS   INQUIRIES   CONTACTS   MyDCombus   » Suomeksi   » In English   » РУССКИЙ

DCombus Products

DCombus Iris SHDSL products are known of their reliability and quality based on company's innovative R&D, design and several years of experience on high speed copper communication solutions.

With Design Combus Oy xDSL products and solutions you can the best out of the access networks with high reliability and cost efficiently.

PRODUCTS

MVD10048 - 48-port DSLAM VDSL2

VDSL2 48-port modular DSLAM, 2+2 uplink ports. Max data rate 100 Mbps/100 Mbps.

Read more

NEWS

Iris 520/540 CLI Guide and MIB definitions
20.7.2010 Support pages for Iris520/540 as well as DCombus N5000..
Read more

Record Speed with DCombus IRIS Modems
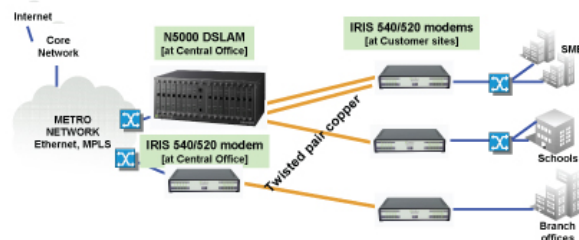20.7.2010 Design Combus Oy latest SHDSL product family brings reco..
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Iris440HS new SW version
New SW version 4.8980 is available for the Iris440HS SHDSL modem. More informati..
Read more

Iris 520

Iris520 - SHDSL EFM modem for 1-2 copper pairs

Iris 520 is high speed G.shdsl.bis modem utilizing one or two copper pairs. It uses normal twisted pair copper cables delivering Ethernet networks and services over several kilometers. The modem offers symmetrical bandwidth, max 5.7 Mbps (max. 11 Mbps using tc-pam64, max 15 Mbps using tc-pam128) using single copper pair or 11.4 Mbps (22 Mbps, 30 Mbps) using two copper pairs. Iris 520 comes with variety of options and features.

DCombus IRIS SHDSL in Business Broadband

Main properties
- Max 5.7/5.7 Mbps or 15/15 Mbps with single copper pair
- Max 11.4/11.4 Mbps 30/30 Mbps with two copper pairs
- EFM bonding (IEEE 802.3ah)
- 4x Eth 10/100M switch
- Manageable VLAN ja QoS for traffic bridging and prioritizing
- CLI/SSH management
- Comprehensive SNMP management
- Power over Ethernet (PoE)

Applications
- Symmetrical broadband access for operator managed Ethernet services
- Operator and ISP provided broadband services for SMEs, branch offices, etc.
- Mobile networks basestation IP/Ethernet backhaul
- Scalable Ethernet services
- Business critical Ethernet services
- IP camera and surveillance networks
- Campus networks for extended Ethernet/LAN applications

Products files and links

📄 Iris520 datasheet

📄 Request For Quotation

Technical details

Dataspeed & SHDSL
- TC-PAM 16/32 (Trellis Coded Pulse Amplitude Modulation) G.991.2 ja TC-PAM 64, 128
- Single copper pair, max 5696 kbps (TC-PAM 16/32)
- Two copper pairs, max 11392 kbps (TC-PAM 16/32)
- Single copper pair, max 15352 kbps (TC-PAM 16/32/64/128)
- Two copper pairs, max 30704 kbps (TC-PAM 16/32/64/128)
- Optimized and automatic copper pair and bandwidth management
- IEEE 802.3ah Ethernet in the First Mile (EFM)

Ethernet, QoS, VLAN
- 4-port 10/100M Eth switch
- Port based VLAN prioritizing
- IEEE 802.1Q tag, doubletag, including Q-in-Q multiple stacking
- MTU 2047
- Power over Ethernet (PoE), 2-port

Management
- sCLI (snmp-Command Line Interface), using SSH or via serial console
- Comprehensive SNMP management

Interfaces and Connectors
- SHDSL port: 1x RJ45
- Ethernet/LAN: 4x RJ45
- RS232 console port: RJ45

Dimensions
- Metallic case, dimensions 208 x 206 x 46 mm

Power
- Internal power supply
- 110-240 VAC 50-60Hz, or
- 48 VDC (36-72 VDC)
- Power consumption typically < 20W

Product Variants, SW Configurable with Optional, User Installable Code
- Iris520-001, 1-pair, max 5.7/5.7 Mbps, 230 VAC
- Iris520-002, 2-pairs, max 11.4/11.4 Mbps, 230 VAC
- Iris520-201, 1-pair, max 15/15 Mbps, 230 VAC
- Iris520-202, 2-pairs, max 30/30 Mbps, 230 VAC

Product Variants, Factory Installable Options
- 48 VDC power supply
- PoE - Power over Ethernet (2x port), includes external 48 VDC power supply adapter