



WIZ-805/810

Media Wizard Modules

- Used in F/O daisy-chain and star topologies
- Enhanced features and SNMP management capabilities
- MM and SM, DF, SF and CWDM F/O interfaces
- Available with SC, ST, MT-RJ, VF-45 or LC connectors
- 802.1Q VLAN for identification and service isolation with Tag insertion and removal
- Individual and broadcast VLAN IDs
- Rate-limit, flow-control, jumbo frames support
- A/N and manual modes (speed, duplex), FEF
- Auto MDI/MDI-X crossover
- Secured in-band management connection
- Hot-swappable slot-independent slide-in modules
- Available for Extended Temperature Range (ETR)

WizLAN's WIZ-805 and WIZ-810 switches provide fully manageable switching solution for advanced daisy-chain and star topology fiber optic networks in compliance with IEEE 802.3 standards.

The WIZ-805 provides two 100BaseFX uplink ports and four 10/100BaseTX "drop" ports. It is specifically designed for daisy-chain F/O networks running advanced IP applications such as traffic control, security and surveillance systems.

The WIZ-810 provides one 100BaseFX uplink port and four 10/100BaseTX ports. It is specifically designed for multi-user/quad-subscribers F/O remote access units, and provides isolation, identification, management and control capabilities required for enhanced services.

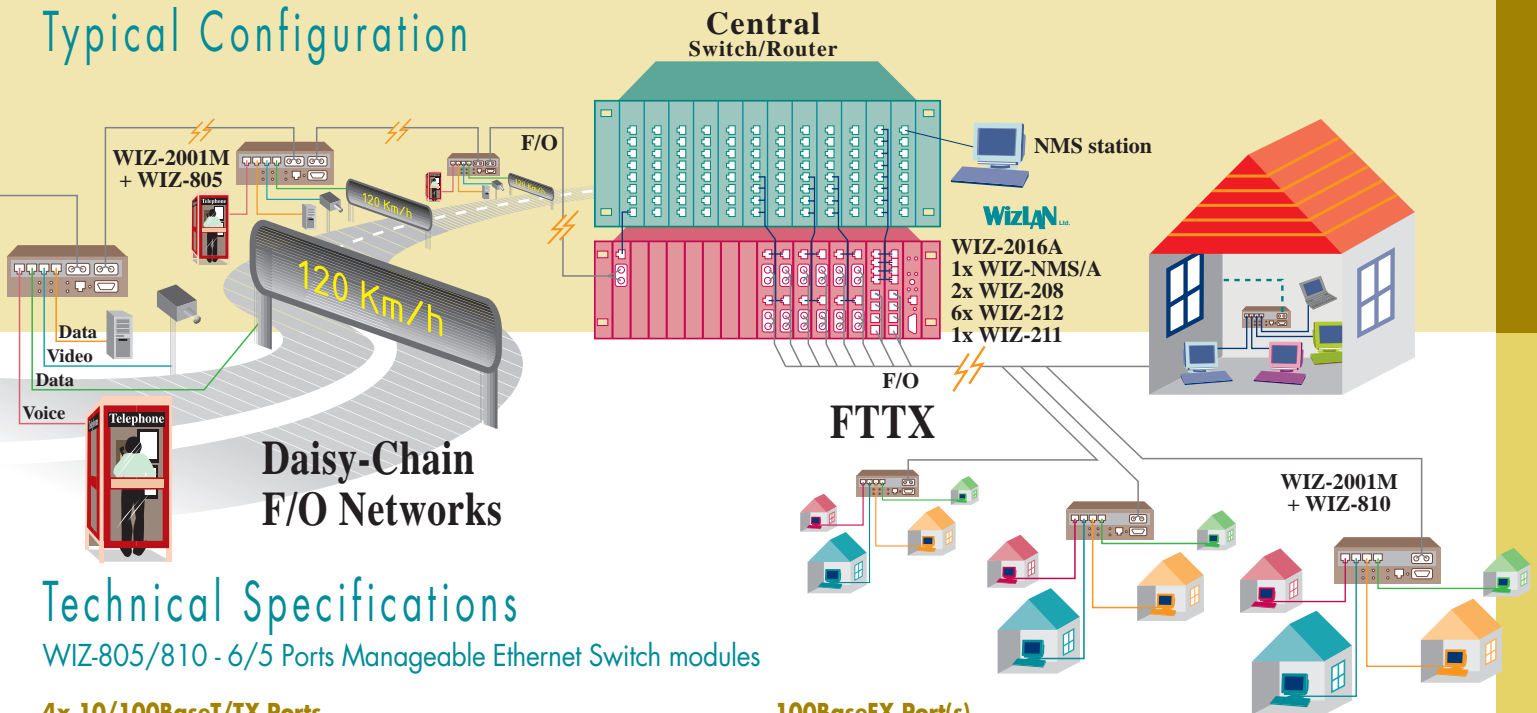
Both switch modules support 802.1Q VLAN tagging, rate control and isolated in-band management connection as well as enhanced management capabilities including open/close port, speed, duplex, FEF, rate limit, VLAN management, user assigned names and detailed port description, link status, traffic monitoring and more.

The slide-in hot-swappable modules are housed in the Media Wizard 16 slot (Telco grade), 4, 2 or single slot manageable chassis. The modular system design provides customizable solutions, flexible and scalable to meet the ever changing and growing networking demands. Extended temperature (ETR) versions are available for outdoor installations.



MEDIA WIZARD

Typical Configuration



Technical Specifications

WIZ-805/810 - 6/5 Ports Manageable Ethernet Switch modules

4x 10/100BaseT/TX Ports

10/100BaseT/TX RJ-45 auto-MDI/MDI-X
A/N or manual (speed HDX/FDX) Via SNMP
100 meter (330 ft) distance over UTP/STP

LED Indicators

LN/AC - Link/activity indication
100M - 100M speed indication (RJ-45 ports only)
FD/CO - Full-Duplex / Collision indication

Technology

Store & forward fast switching technology

Special Features

Full SNMP management
802.1Q VLAN, Tag insertion and removal
Multiple VLAN IDs per port
Individual and broadcast VLAN IDs
Jumbo frames (up to 1916 bytes)
Rate-limit (uploading)
Flow Control in HDX and FDX modes
Auto MDI/MDI-X crossover
In-band management support with security capabilities

Link Verification Functions

Far-end-Fault (FEF) detection on fiber ports (selectable)

Ordering Information

WIZ-805 M/[x]

WIZ-805 [Sn]/[x]

WIZ-805 /SF-A_B/[Sn]/[x] †

WIZ-810 M/[x]

WIZ-810 [Sn]/[x]

WIZ-810 /SF-A_B/[Sn]/[x] †

6 port fully manageable switch module, dual uplink ports 100BaseFX (MM, M/[x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.8PU). For Extended Temperature Range add /ETR to the part number.

6 port fully manageable switch module, dual uplink ports 100BaseFX (SM, [Sn]/[x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.8PU). For Extended Temperature Range add /ETR to the part number.

6 port fully manageable switch module, dual uplink ports 100BaseFX (SM, Single Fiber, [Sn], [x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.8PU). For Extended Temperature Range add /ETR to the part number.

5 port fully manageable switch module, uplink 100BaseFX (MM, M/[x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.6PU). For Extended Temperature Range add /ETR to the part number.

5 port fully manageable switch module, uplink 100BaseFX (SM, [Sn]/[x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.6PU). For Extended Temperature Range add /ETR to the part number.

5 port fully manageable switch module, uplink 100BaseFX (SM, Single Fiber, [Sn], [x]), 4 ports 10/100BaseTX, and in-band backplane connection (1.6PU). For Extended Temperature Range add /ETR to the part number.

Note: CWDM F/O interfaces available upon request.

Terminology

M Multimode 1310nm 0-6Km [x]= Type of F/O connector: ST, SC, VF-45, MT-RJ, or LC
[Sn]=S Singlemode 1310nm, 18 dB, 0-30Km [x]= Type of F/O connector: SC, ST, MT-RJ, LC
[Sn]=S1 Singlemode 1310nm, 30dB, 10-50Km [x]= Type of F/O connector: SC, ST, LC
[Sn]=S2 Singlemode 1550nm, 34dB, 40-100Km [x]= Type of F/O connector: SC, LC
†Single Fiber (dual wavelength, works in pairs). type A: TX-1550nm and RX-1310nm, type-B: TX-1310nm and RX-1550nm
SF-A or B/[Sn]=S Single Fiber SM A-1550/1310nm or B-1310/1550nm 18dB, 0-20Km [x]= Type of F/O connector: SC or LC
SF-A or B/[Sn]=S1 Single Fiber SM A-1550/1310nm or B-1310/1550nm 30dB, 10-50Km [x]= Type of F/O connector: SC or LC

All specifications are subject to change without notice. Neither manufacturer nor seller shall be liable for any loss, damage, or injury, direct or consequential, arising from the inability to use the product.

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