



100BaseTX to 100BaseFX A/N Converters



WIZ-205/6/8

Media Wizard Modules

- Auto-negotiation or manual HDX/FDX selection
- Modular and stand-alone versions
- Far-end-fault detection
- Propagation of "no link" option
- Multimode up-to 6Km and Singlemode up-to 100Km
- Available with ST, SC, MT-RJ, VF-45 or LC connectors
- Single Fiber (SF) versions for S/M fiber up-to 80Km
- Enhanced LED indicators
- Manageable

WizLAN's fiber optic auto-negotiation converter modules convert from 100BaseT/TX copper media to 100BaseFX fiber media, in compliance with Ethernet and IEEE802.3U standards.

- WIZ-205 - single channel converter
- WIZ-206 - dual channel converter
- WIZ-208 - quad channel converter

The unique combination of flexibility, variety and unique features makes the WIZ-205/6/8 modules the best choice for structured Fast Ethernet media conversions.

The WIZ-208 specially designed for **high-density central conversions** required in fiber-to-the desk and LAN-to-home applications, providing up-to 64 converters in a single chassis.

Single Fiber (/SF) versions are available for special installation, releasing/saving expensive fibers, doubling the utilization.

The converters support full duplex operation, thus overcoming Ethernet distance limitations and enabling double throughput links. The converters provide advanced connectivity functions, "Far-end-fault" detection, responding to the round-trip fiber integrity, and propagation of "no link" mode (selectable) which propagates a "no link" status back to the devices. Those powerful features provide plug & play installation and integration as well as link management tools.

The WIZ-205/206/208 modules can be installed in the Media-Wizard 16 or 4 slot modular chassis, saving rack space and main outlets, and enabling easy service and maintenance. Both chassis include as an option a redundant power supply and central management.

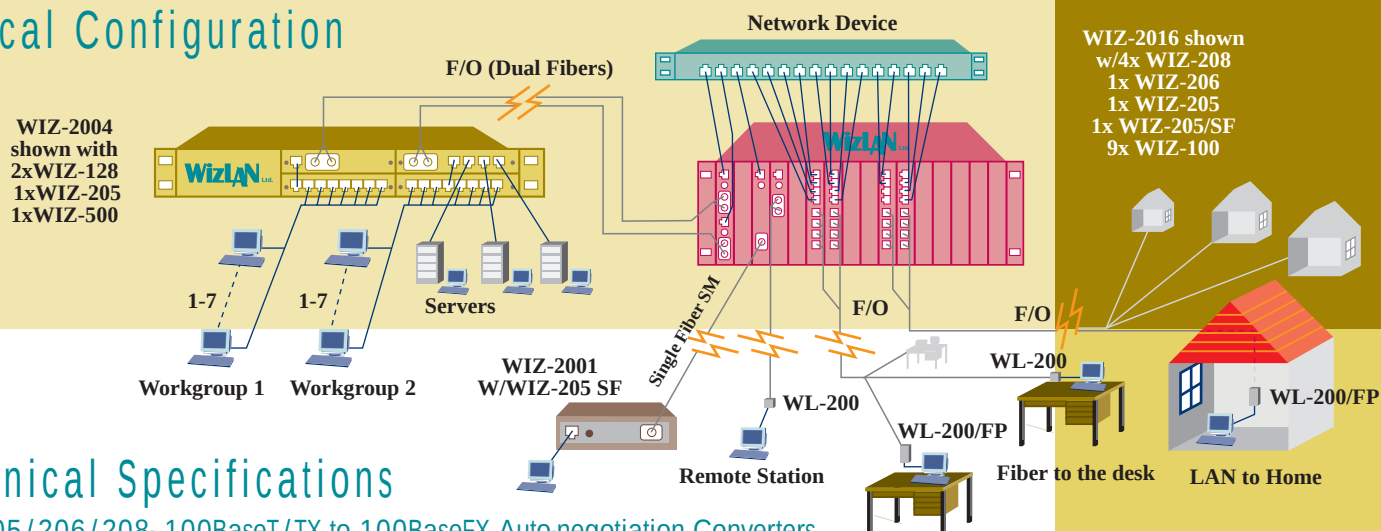
The converters can also be installed in the Media-Wizard stand-alone chassis equipped with an internal, wide range power supply.



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MEDIA WIZARD

Typical Configuration



Technical Specifications

WIZ-205/206/208- 100BaseT/TX to 100BaseFX Auto-negotiation Converters

100BaseT/TX Port(s)

100BaseT/TX RJ-45 connector
Auto-negotiation and Half/Full duplex support
MDI-II / MDI-X - pushbutton selection (WIZ-205/6 only)
100 meter (330 ft) distance over UTP/STP cable

Special Feature

Far-end-fault detection, on FX port(s)
Optional - "no link" propagation mode

Standards Compliance

IEEE 802.3u - fast Ethernet
IEEE 802.3 - auto-negotiation

LED Indicators

100BaseT/TX PORT(s)	LNK / ACT - Link / Activity
	FDX - Full Duplex
	A / N - Auto-Negotiation
	Col - Collision
100BaseFX PORT(s)	LNK / ACT - Link / Activity

Conversion Method

Physical layer repeater

Physical Dimensions (Module)

Height	Width	Depth
130mm (5.1")	25.4mm (1")	140mm (5.5")

Ordering Information

WIZ-205M/[x]	Single 100BaseT/TX to 100BaseFX A/N converter, MM FO (1300nm,0-6Km,[x]), incl. status mgmt	
WIZ-206M/[x]	Dual 100BaseT/TX to 100BaseFX A/N converter, MM FO (1300nm, 0-6Km, [x]), incl. status mgmt	
WIZ-208M/[x]*	Quad 100BaseTX to 100BaseFX A/N converter, MM FO (1300nm, 0-6Km, [x]*), incl. status mgmt	
WIZ-205[Sn]/[x]	Single 100BaseT/TX to 100BaseFX A/N converter, SM FO ([Sn],[x]), incl status mgmt	
WIZ-205SF/[Sn]/[x]†	Single Fiber, 100BaseT/TX to 100BaseFX A/N converter, SM FO ([Sn],[x]), incl status mgmt	
WIZ-206[Sn]/[x]	Dual 100BaseT/TX to 100BaseFX A/N converter, SM FO [Sn], [x]), incl. status mgmt	
WIZ-208[Sn]/[x]*	Quad 100BaseTX to 100BaseFX A/N converter, SM FO ([Sn],[x]*), incl. status mgmt	
* = only available with VF-45, MT-RJ or LC connectors.		
M	Multimode 1300nm 0-6Km	[x]= Type of F/O connector: ST, SC, VF-45, MT-RJ or LC
[Sn]=S	Singlemode 1300nm 0-20Km	[x]= Type of F/O connector: SC, MT-RJ , LC
[Sn]=S1	Singlemode 1300nm 10-40Km	[x]= Type of F/O connector: SC
[Sn]=S2	Singlemode 1300nm 30-60Km	[x]= Type of F/O connector: SC
[Sn]=S3	Singlemode 1550nm 50-100Km	[x]= Type of F/O connector: SC
†Single Fiber:		
SF/[Sn]=S1	Single Fiber SM 1300nm 0-35Km	[x]= Type of F/O connector: SC or FC – APC polish
SF/[Sn]=S2	Single Fiber SM 1550nm 20-80Km	[x]= Type of F/O connector: SC or FC – APC polish

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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