



WP-560

A Wiz-Plate Product

Description

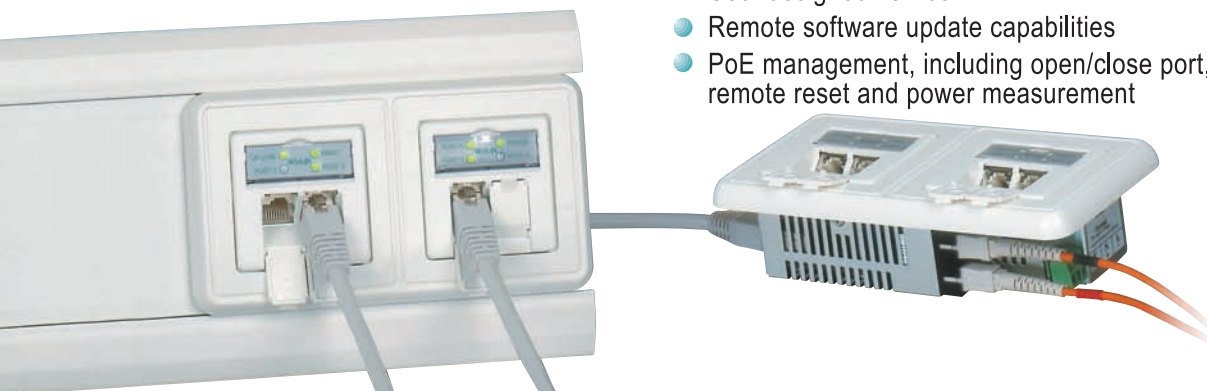
- Fully managed high-end duct/installation switch
- Built-in support for PoE, IEEE802.3af PDs (four ports)
- Four external 10/100M auto-negotiate, auto MDI/MDI-X ports
- F/O or copper uplink port and 10/100M daisy chain port, enables multiple cascading of WP-560 switches
- Integrated management agent and Web server (Fixed IP or DHCP) with highly secured in-band access. NMS access secured by IP access list, secure NMS path and passwords
- Remote Management via WizLAN's enhanced Wiz-View/A application, Web (full Java applet) and Telnet
- F/O uplink available with MM or SM, DF or SF F/O interfaces with a choice of SC, ST or LC connectors.
- Built-in wide range power supply
- Low power consumption, less than 5 Watts (AC)

Installation Features

- Compact design with low mounting depth
- Fast & Simple installation and operation
- Suitable for any common duct/trunk installations
- Interfaces with different faceplates, colors and shapes
- Easy rotation, four direction horizontal and vertical mounting
- Initial configuration and network connectivity tester via secured CLI (RS-232) connection
- Optional plug-in power supply for PoE operation
- Bulk software download option

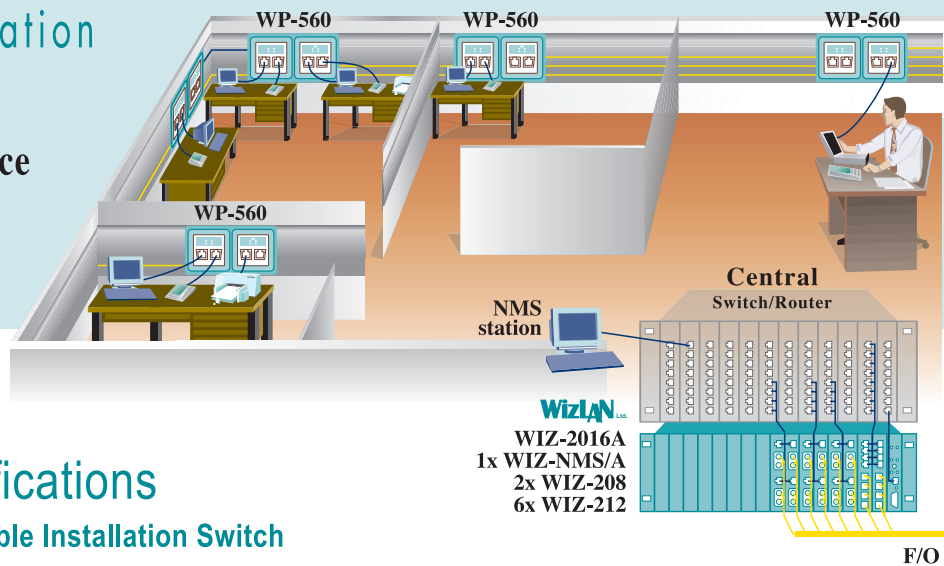
Features and Management

- Port based network access control via MAC security and optional 802.1x authenticator
- Spanning Tree 802.1d/w support
- A/N and manual modes (speed, duplex)
- Open/close port, FEF configuration for F/O port
- Per port QoS/CoS configuration with 4 traffic classes and prioritized packet streams
- 64 802.1Q VLANs, tag insertion and removal
- Rate limit, flow control, large (VLAN) frames
- RMON - Ethernet statistic group
- Link status, traffic, temperature and voltage monitoring
- Event log, prioritization and trap management
- User assigned names
- Remote software update capabilities
- PoE management, including open/close port, remote reset and power measurement



Typical Configuration

Fiber to the Office (FTTO)



Technical Specifications

WP-560 - 6 Port Manageable Installation Switch

4x 10/100BaseT/TX External ports

Daisy-chain and optional copper uplink ports

10/100BaseT/TX RJ-45 auto MDI/MDIX
A/N or manual (speed, HDX/FDX) via management
100 meter (330ft) distance over UTP/STP

4x 10/100BaseT/TX External ports

PORT[n] - Link/Activity indication, six LEDs: external ports 1-4, daisy-chain port -5 and Uplink port

POWER - Power ON indication

MNGT - Management agent activity indication

Technology

Store & forward fast switching technology

Maximum frame size: 1536 bytes

Address table: 2,048 MAC addresses with automatic learning and aging

Management Options

- Management agent included, manageable via SNMP, Web and Telnet
- UnManaged

IP initial setup

- RS-232 CLI local connection, using special cable available from WizLAN. Includes network connectivity tester.
- Wiz-Init remote application (requires new SW version)

100BaseFX Uplink Port

Interface - duplex fiber:

Multimode (MM), 1310nm Connectors: SC, ST, LC

Singlemode (SM), 1310nm Connectors: SC, ST, LC

Distance (estimation) / power budget:

Multimode (MM), 62.5/125μ 6Km/11dB

Singlemode (SM), 9/125μ 30Km/18dB

Single fiber (SF), 9/125μ 20Km/18dB (dual wavelength)

F/O Link Verification Functions

Far-End-Fault (FEF) detection on fiber port (selectable via MNGT)

Standard Compliance

IEEE802.3, 802.3U, 802.3x, 802.3Q, 802.3p

RMON: RFC 2819 (absolutes 1757 and 1217) Ethernet statistic group

Safety and Emission

CE, FCC Part 15, EN60950

Power

Input voltage: 90-264VAC 50/60Hz (three wire terminal)

Power Consumption (AC): 5 Watts max.

Device Dimensions

L: 125mm (4.92") x W: 53mm (2.1") x D: 32mm (1.26")

Environment

Operation: 0 to 45°C (32 to 113°F) environment temperature

Storage: -30 to 65°C (-22 to 149°F)

Humidity: 10% to 90% non-condensing

Ordering Information

WP-560/_/_/_ 6 port [management type] Duct switch. Four external ports 10/100BaseTX, one uplink port {[Uplink type], connector type}, one 10/100BaseTX daisy-chain port. Internal wide range power supply.

Ordering Terminology

WP-560/[management type]/[Uplink type]/[connector type]

↓	↓	↓	[For F/O Uplink only] ↓
M = Fully managed	M = 100BaseFX (Multimode, 1310nm, 11dB, 0-6Km)		SC
U = Unmanaged	S = 100BaseFX (Singlemode, 1310nm, 18dB, 0-30Km)		ST
	SF-A* = 100BaseFX (SingleFiber, SM, A-1550/1310nm, 18dB, 0-20Km)		LC
	SF-B* = 100BaseFX (SingleFiber, SM, A-1310/1550nm, 18dB, 0-20Km)		
	C = 10/100BaseTX copper uplink, RJ-45		

* Single Fiber - dual wavelength, works in pairs, type A: TX-1550nm and RX-1550nm, connects to type B: TX-1310nm and RX-1550nm

Example: **WP-560/M/S/SC** 6 port fully managed Duct switch, Four external ports 10/100BaseTX, one uplink port 100BaseFX (singlemode, 1310nm, 18dB, 0-30Km), one 10/100BaseTX daisy-chain port. Internal wide range power supply.

Accessories and add-on features

WP-PoE-PS _____ PoE power supply unit for WP-xxx managed duct switches, providing PSE for IEEE802.3af PDs upto 30Watts. Add-on to duct unit, wide range line input.

WP-CLI Cable _____ Special RS232 CLI configuration cable for Wiz-Plate product line. Optionally used for CLI initial configuration.

WP-Cable Holder _____ Add-on metal accessory for the WP units that holds the incoming fiber and power cable.

WP-802.1x _____ Port based network access control - IEEE802.1x authenticator

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.