



WP-560

A Wiz-Plate Product

Description

- Fully manageable high-end cable-duct installation switch
- Options for management-ready (field-upgradeable) and unmanaged switches
- 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 with secured in-band connection supporting SNMP, Web and Telnet
- Manageable via WizLAN's enhanced Wiz-View/A application, Web and Telnet
- MM and SM, DF and SF F/O interfaces with variety of F/O connectors
- Built-in wide range power supply
- Low power consumption, less than 5 Watts (AC)
- Withstands extended temperature ranges

Installation Features

- Compact design with low mounting depth
- Simple and easy installation and operation
- Suitable for any common duct/trunk system and floor trunks installations
- Easy rotation, four-direction horizontal and vertical mounting
- Initial configuration and network connectivity tester via secure infrared (PALM application) or CLI (RS-232) connection

Operational and Management Features

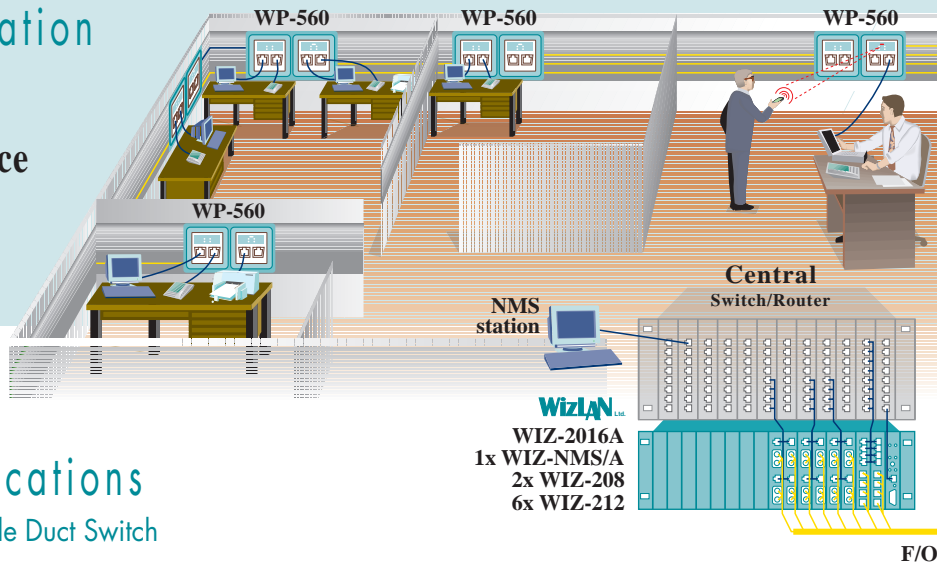
- A/N and manual modes (speed, duplex)
- Open/close port, FEF configuration for F/O port
- Per port QoS/CoS configuration with four traffic classes and prioritized packet streams
- 802.1Q VLAN, supports 64 VLANs, tag insertion and removal
- Rate limit, flow control, large (VLAN) frame support
- RMON - Ethernet statistic group
- Link status and traffic monitoring
- Temperature and voltage monitoring
- Event log, prioritization and trap management
- User assigned names
- Remote firmware upgrade capabilities



WIZ-PLATE

Typical Configuration

Fiber to the Office (FTTO)



Technical Specifications

WP-560 – 6 Port Manageable Duct Switch

4x 10/100BaseT/TX External ports Daisy-chain and optional copper uplink ports

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

LED Indicators

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

- Manageable via SNMP, Web or Telnet
- Management ready, field upgradeable at any future time
- Unmanaged

IP setup and network connectivity tester

Configuration Options

- Using Infra-red communication from a PALM device.
PALM application for setup and network connectivity tests
is provided
- RS-232 CLI local connection, using a special cable available
from WizLAN

100BaseFX Uplink Port

Interface (duplex fiber):

Multimode (MM), 1310nm
Singlemode (SM), 1310nm

Connector: SC, ST, LC, VF-45, MT-RJ
Connector: SC, ST, LC

Distance / power budget:

Multimode (MM), 62.5/125 μ 6Km / 11dB
Singlemode (SM), 9/125 μ 30Km / 18dB
Single Fiber (SF), 9/125 μ 20Km / 18dB (dual wavelength)

F/O Link Verification Functions

Far-end-Fault (FEF) detection on fiber port (manageable)

Standard Compliance

IEEE802.3, 802.3U, 802.3x, 802.1Q, 802.1p
RMON: RFC 2819 (obsoletes 1757 and 1217) Ethernet statistic group

Safety and Emissions

CE, FCC Part 15, EN60950

Power

Input voltage: 90-264VAC 50/60Hz (three wire terminal)
Power Consumption (AC): 5 Watts max.

Module Dimensions

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

Environment

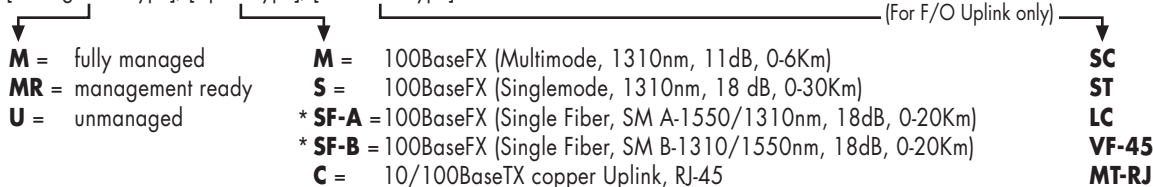
Operating: 0 to 45 °C (32 to 113 °F) Environment Temperature
Storage: -30 to 65 °C (-22 to 149 °F)
Humidity: 10% to 90% non-condensing

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]



* Single Fiber (dual wavelength, works in pairs). type A: TX-1550nm and RX-1310nm 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, SC), one daisy-chain 10/100BaseTX port. Internal wide range power supply.

Accessories

WP-560NMS-UG License key for management upgrading on a management ready device.
WP-CLI Cable Special RS-232 configuration cable for Wiz-Plate product line. Optionally used for CLI initial device configuration.
WP-DA/sys/xx Duct adapter for Wiz-Plate product line. Metal adapter that enables to install a WP device in different duct systems
and duct width (sys=Tehalit, Ackerman, Thorsman, etc. and xx=80mm, 110mm etc.).

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.