



WP-640

A Wiz-Plate Product

Description

- Fully managed high-end cable-duct installation switch
- Built-in support for PoE, IEEE802.3af PDs
- Gigabit, 1000BaseSX/LX F/O uplink port
- Four external 10/100M auto-negotiate, auto MDI/MDI-X ports
- 10/100M daisy-chain port, enables multiple cascading of installation switches or a fifth port using a passive outlet
- Fully managed/management-ready options via plug-in management module, field upgradeable
- 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
- MM and SM, DF and SF F/O uplink interfaces with variety of F/O 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 system and floor 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

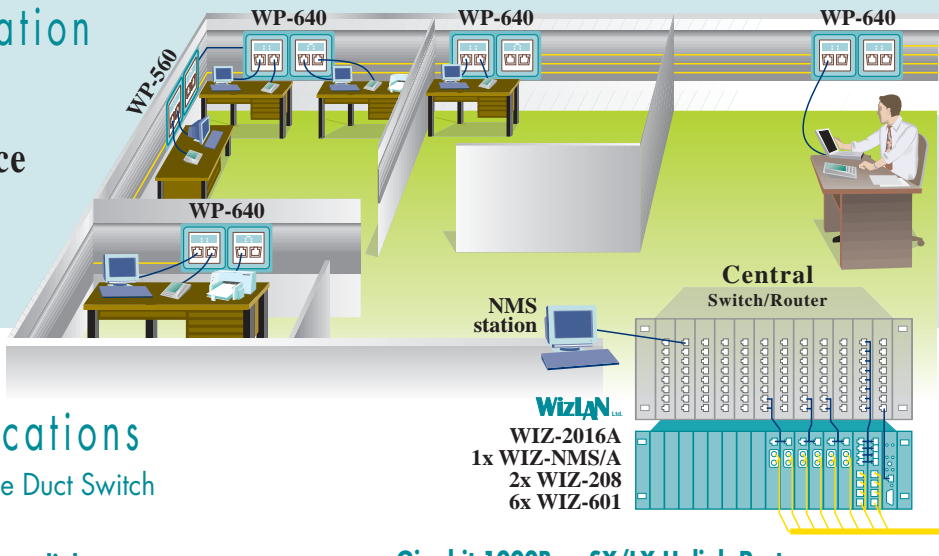
Operational and Management Features

- 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 four traffic classes and prioritized packet streams
- 4,096 802.1Q VLANs, tag insertion and removal
- Rate limit, flow control, large (VLAN) frames
- RMON - Ethernet statistic group
- Link status, traffic, temp. 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

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Typical Configuration

Fiber to the Office (FTTO)



Technical Specifications

WP-640 – 6 Port Manageable Duct Switch

4x 10/100BaseT 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
POWER – Power indication
MNGT – Management agent activity indication
PORT [n] – Link/activity indication, six LEDs: external ports 1-4, daisy-chain port -5 and Uplink port
PoE – PoE, Power provided to the port (ports 1,2)

Technology
Store & forward high-speed, non-blocking switching technology
Frame buffer memory: 1Mbit
Maximum frame size: 1,632 bytes
Address table: 8K MAC addresses with automatic learning and aging
VLAN (802.1Q): full 4,096 VLAN IDs

Management Options
• Managed via SNMP, Web or Telnet
• Unmanaged
Plug-in Agent module, field upgradeable

IP Setup and Network Connectivity Tester Configuration Options
• RS-232 CLI local connection (mini USB), using a special cable available from WizLAN

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

Ordering Information
WP-640/_/_/_ 6 port [management type] Duct switch. Four external ports 10/100BaseTX, one uplink port ([Uplink type], [connector type]), one 10/100BaseTX daisy-chain port. PoE ready. Internal wide range power supply.

Ordering terminology
WP-640/[management type]/[Uplink type]/[connector type]

M = fully managed U = unmanaged	M = 1000BaseSX (Multimode, 850nm, 8dB, 0-220/550m) S = 1000BaseLX (Singlemode, 1310nm, 10dB, 0-10Km) * SF-A = 1000BaseLX (Single Fiber, SM A-1550/1310nm, 12dB, 0-10Km) * SF-B = 1000BaseLX (Single Fiber, SM B-1310/1550nm, 12dB, 0-10Km)	(For F/O Uplink only) → SC LC
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* 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-640/M/S/SC 6 port fully managed Duct switch. Four external ports 10/100BaseTX, one uplink port 1000BaseLX (Singlemode, 1310nm, 10dB, 0-10Km), one daisy-chain 10/100BaseTX port. PoE ready. Internal wide range power supply.

Add-on Functionalities and Accessories
WP-NMS SNMP management agent plug-in module for the unmanaged WP-6xx duct units, field upgradeable
W-802.1x Port based network access control package - IEEE802.1x authenticator
WP-PoE-PS External universal power supply for PoE 802.3af operation, 30 VA
WP-CLI Cable Special RS-232 cable for Wiz-Plate product line, mini USB - DB9 female. Optionally used for CLI initial device configuration.
WP-Cable Holder Add-on metal accessory for WP units that holds the incoming fiber and power cable.

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.