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DATA SHEET

PS2216

16-Port Compact Fast Ethernet Switch

The Compex PS2216 pocket switch is small in size but rich in features. The dip-switch located at the side of PS2216 enable users to easily activate advance features of the switch such as Port-Based Virtual LAN or Port Trunking making it the most feature rich switch in its category. The Port-Based Virtual LAN feature allows setting up of 15 individual smaller segments with the first port as the common port for all Virtual LANs. This feature not only improve network management but enhances privacy of the individual Virtual LAN. Port Trunking improves the up-linking bandwidth and transfer speed between switches providing better performance for your network. It is the cost effective switch for small and medium size offices.

High-Performance

With its backplane capacity of 3.2Gbps, data transfer is at an average of 200 Mbps at each of the 16 ports at full duplex mode allowing every node to perform at their maximum capability.

Segment your Network

The PS2216 switch are able to segment network into 15 individual virtual local area networks (VLAN). The first port being the common port for all the Virtual LANs.

Cascading

Port Trunking provides the ability to scale up to a higher bandwidth with the next layer of switch. The Port Trunking enables uplinking of 4 ports to another switch that ensure faster and higher data bandwidth.

Management

The dip-switch ensure easy activation the advance features of PS2216.

Plug and Play Operations

The PS2216 can operate out of the box with no further configuration needed. Its built-in auto-negotiation feature allows 10/100 Mbps auto-sensing ports to adjust the speed to the workstations' or network servers' Ethernet adapter used. Auto MDI/MDIX is featured in every port which allows any type of Category 5 Ethernet cable to be used.

Form Factor

Its small form factor allows easy deployment in any types of office environment.

SWITCH

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Features and Benefits

Feature	Benefit
Switching Architecture	Full bandwidth, non-blocking and collision-free frame forwarding enables data packets to be transfer at maximum performance speed.
Switch Management	Dip-switch operations allow easy activation of the advance features of the switch
Form Factor	Compact size for easy of deployment and mobility.
Port-Based Virtual LAN	Segmenting the network to 15 smaller workgroups for privacy and better management.
Port Trunking	Able to uplink to another switch for higher bandwidth and network data transfer.

Specifications

Connectors 16 auto-negotiating 10 Base-T/ 100Base-Tx ports configured with Auto MDI/MDIX	Functional IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Flow Control)	Management Dip-Switch Operations
Performance Forwarding Modes: Store & Forward Bandwidth: 3.2 Gbps MAC: 8K Switching Buffer: 128K bytes	Switching Features/ Functionality Port-Based Virtual LAN Port Trunking	Power Supply Voltage Ratings: 3.3V _{DC} Current Ratings: 3A (max)
Environment Requirements Operating temperature: 0°C to 40°C Storage Temperature: -5°C to 60 °C Operating Humidity: 10% to 90% relative humidity non-condensing Storage Humidity: 5% to 80% relative humidity non-condensing	Safety Certifications CE Mark	LED Indicators Power, Speed, Link/Activity
	Emissions FCC Part 15 Class A, EN 55022 Class A, IEC 61000-3-2, IEC 61000-3-3	Dimensions Height: 35mm (1.06 inches) Width: 151mm (5.83 inches) Depth: 92mm (3.54 inches)
	Immunity EN55024	

Ordering Information

16-Port Compact Fast Ethernet Switch	PS2216-110 (For US & Canada) PS2216-220 (For Europe & Asia) PS2216-UK (For UK only) PS2216-AUS (For Australia only)
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