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PRODUCT BRIEF

NSW7P1Txx-W

Web Smart Switch- Eight port TP/Fibre Ethernet switch – single 100BaseFX port and seven 10/100BaseTX ports



Feature:

- Supports seven 10/100BaseTX auto-negotiation/sensing/switchover MDI/MDI-X Half/Full duplex ports
- Single 100BaseFX fibre ports, Extends network span from 2km (Multimode) and 20/40/60/80km (Single Mode).
- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/100Base-FX and IEEE 802.3x flow control
- Supports store and forward architecture and performs forwarding and filtering at non-blocking full wire speed.
- Supports back-pressure-based flow control for Half-Duplex and pause-frame-based flow control for Full-Duplex
- Supports Store & Forward architecture and performs forwarding and filtering at non-blocking full wire speed
- Supports port-based 802.1q VLAN supported
- Supports Port Security, Broadcast Storm control, Bandwidth Control (as FULL, 128Kb, 256Kb, 512Kb, 1M, 2M, 4M, 8M)
- Supports - Spanning tree protocol, Smart Cable Analyzer, QoS and Direct Forwarding function
- Reset switch to factory default
- Supports packet length up to 1536/1552 bytes
- Front panel mounted diagnostics LED's
- External power adaptor, low consumption
- Cost effect solution proven in Africa with local support.

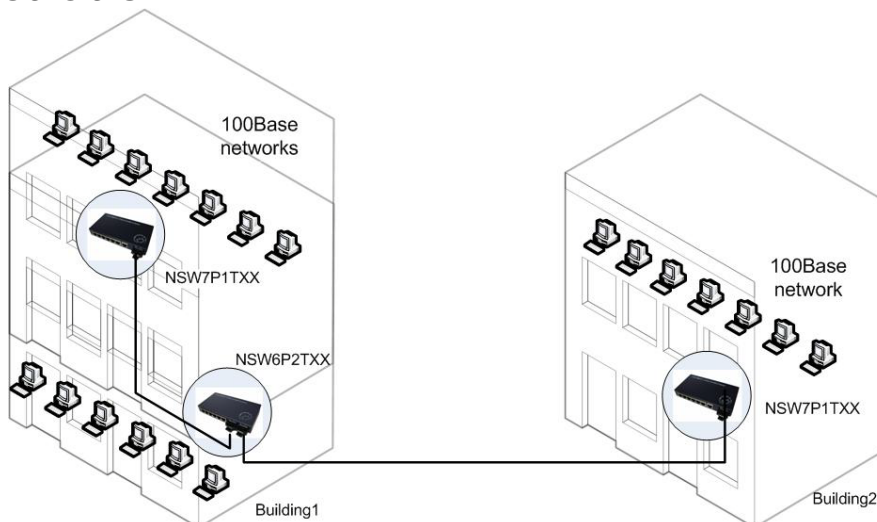
Web Smart Switch - Eight port TP/Fibre Ethernet switch – single 100BaseFX ports and seven 10/100BaseTX ports

The Netshield NSW7P1Txx-W Switches fully complies with IEEE802.3/IEEE802.3u Ethernet standards and provides seven auto-negotiating and auto-switchover MDI/MDI-x 10/100BaseTX ports with auto-MDI/MDIX and a 100BaseFX fibre port which can extend the local area network. The devices are equipped with support of “store and forward” and spanning tree protocol for direct forwarding of data packets and comply with the applicable Ethernet standards. It also provides Web-based management functions including the system, port network, VLAN, Qos and security. Its intelligent management makes it is suitable for small, middle and large networks.

Product Specifications:

Standard:	802.3 10B-T, 802.3u 100b-Tx&100b-Fx, 802.3x, 802.1.p.
Fibre wavelengths:	TX1310nm/RX1310nm or BIDI TX1310nm/RX1550nm; TX1550nm/RX1310nm.
Fibre cable:	8.3/125, 8.7/125, 9/125 or 10/125single-mode.
Connectors:	RJ-45 Jack and Fibre optic connectors: SC connector.
Cable type and length:	Twisted pair Cat.5 UTP Cable: 100m.
Switching mechanism:	Store and Forward.
Forward and filter rate:	10b-T(14,880pps-64bytes), 100b-Tx/Fx(148,800pps-64Bytes)
MAC Address and self-learning:	1K.
LED status Indicators:	Power, Link, Activity and Speed.
Input Power:	100 - 240VAC , 50 to 60Hz feed into external power supply
Output Power:	DC 5V/2A External Power supply input into unit (Maximum)
Power Consumption:	2.5 Watt (Typical)
Temperature:	Operational 0°C to 60°C and -20°C to 70°C storage
Relative humidity:	5% to 90% non-condensing
Dimensions:	Unit size 25(H) x 158(W) x 85(B)mm and Packaging size52(H) x 234(W) x 200(B)mm
Shipping Weight:	645g
Emission:	FCC/CE

Product Illustration:



Product matrix:

Product Code	Description	Wave Length	Connector type	Fibre type	Distance	TX min Power	TX Max Power	RX Sensitivity
NSW7P1T3C-W	1-Port 100M FX + 7-Port 10/100M TX Switch	1300nm	SC	Multi mode	2Km	-14dB	-8dB	-32dBm
NSW7P1TCS-W	1-Port 100M FX + 7-Port 10/100M TX Switch	1300nm	SC	Single mode	20Km	-15dB	-8dB	-32dBm