

Features

- Unmanaged 4 + 1-port Fast Ethernet switch
- Industrial temperature range
- 4 x 10/100Base-TX ports (IEEE802.3u)
- 1 x 100Base-FX single or 2-fiber port
- N-way autonegotiation
- Autonegotiation and Auto-MDI/MDIX crossover
- Non-blocking store-and-forward switching
- Wide supply voltage range



XSNet™ 4000SW 5-port Fast Ethernet switch

Description

The compact XSNet™ 4000 SW series are versatile 5-port Fast Ethernet switches for indoor and outdoor applications. The switch offers four independent 10/100Base-TX ports, featuring autonegotiation, autosensing and auto-MDI/MDIX, as well as one 100Base-FX port. Easily extend existing LANs with these switches using either one single-mode or two multi-mode or single-mode fibers.

Reliable operation

The XSNet™ 4000 SW provides exceptional performance under severe conditions. For example, performance is not hindered by mechanical stress (vibration and shock). This robust nature provides an ideal solution for critical infrastructure and traffic applications.

For applications such as IP communication along motorways, or in subways, airports, and tunnels, the XSNet™ 4000 SW series offers a range of solutions. The wide operating temperature range guarantees reliable transport even in many outdoor applications.

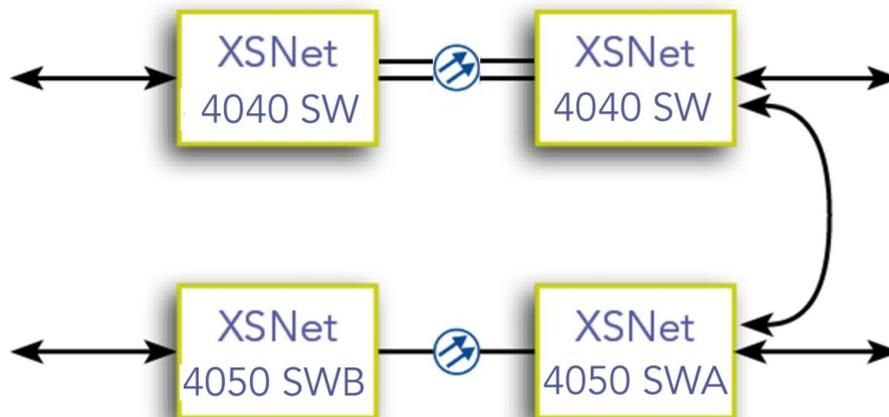
As part of Siqura's Advanced IP Video Network solutions, the XSNet™ switch series plays a crucial role in the reliable transport of IP streams. It relies on both proven interoperability between the various Advanced IP Video Network elements and on proven compatibility with third-party network equipment (e.g., Cisco and HP).

Mounting

These Siqura® XSNet™ switches come as DIN rail mount standalone modules.

Technical Specifications

XNet™ 4000SW



Performance

Address table size	2048 MAC addresses
Switching method	Store-and-forward

Electrical

Interface(s)	4 x 10/100Base-TX Auto MDI, MDIX autonegotiation
Connector type	4x RJ-45
Maximum distance	100m

Standards

IEEE 802.3	10Base-T specification
IEEE 802.3u	100Base-TX 100Base-FX
IEEE 802.3x	Full-duplex operation

Powering

Power consumption	4.3W at 72VAC
Input voltage range	12-48VDC

Environmental

Operating temperature	-10°C to +60°C (+14°F to +140°F) Tested at -20°C to +70°C (-4°F to +158°F)
Storage temperature	-25°C to +85°C (-13°F to +185°F)
Relative humidity	<95% with no condensation
Safety and EMC	UL 60950, IEC/EN 61000, EN 50130-4, EN 50081-1, EN 55022, FCC part 15, IEC/EN 61000 (6-4, -32-2, 3-3)

Mechanical

Dimensions (h x w x d)	100 x 26 x 70mm (4.33 x 3.02 x 2.76in)
Weight	490g (17.28oz)
Housing	DIN rail mounting

Technical Specifications

XSNet™ 4000SW

Optical

	XSNet 4010 SW	XSNet 4040 SW	XSNet 4050 SWA/SWB
Fiber type	2xMM	2xSM	1xSM
Output wavelength	1300nm	1310nm	1310nm/1550nm
Link length	2km	40km	40km
Ethernet	100Mb	100Mb	100Mb
Connector type	Dual SC	Dual SC	SC

Ordering information

Models	Description	Fiber type
XSNet™ 4010SW	4 + 1-port Fast Ethernet switch	2xMM
XSNet™ 4040SW	4 + 1-port Fast Ethernet switch	2xSM
XSNet™ 4050SWA	4 + 1-port Fast Ethernet switch (TX = 1310, RX = 1550)	1xSM
XSNet™ 4050SWB	4 + 1-port Fast Ethernet switch (TX = 1550, RX = 1310)	1xSM



The quality management system utilized in the development, production, sales, and support of this product is ISO 9001:2008 certified by LRQA.

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