

Why choose the SCALANCE XB family of unmanaged switches?

Designed for simple and cost effective entry into the Industrial Ethernet switch market, the Scalance XB family allows engineers to increase the number of end devices or network segments without the need for configuration.

- Cost-effective solutions starting at \$95
- FastEthernet and Gigabit models for maximum performance
- Seamless integration with SIMATIC design
- Compact design
- Plug-and-Play networking; no configuration required
- Distances up to 26km using Fiber
- DIN and wall mountable

Reliability

Experience the rugged durability and extended reliability designed into all Siemens Industrial Ethernet products.

- Mean Time Between Failure (MTBF) over 100 years
- UL, CSA, CE and C-Tick Certified
- Large operating temperature range from -10° C to 60° C
- LED-diagnostics conveniently indicate power, link and transmission status on the faceplate

Fiber Optics

Utilize SCALANCE XB Fiber Optic data transmission to evade electromagnetic interference and reach vast distances with minimal data loss.

- Optical SC-Port available
- Length of fiber-optic transmission:
 - Max. 5 km with Industrial Ethernet FO cables Multimode
 - Max. 26 km with Industrial Ethernet FO cables Singlemode

Expand your industrial network with Siemens reliable unmanaged switching solutions

Compact Design

Pocket-sized design allows for convenient placement of your industrial switch inside a panel, especially when space is at a premium.

- Dimensions: 45mm x 100mm x 87mm
- Weight: 165g to 260g

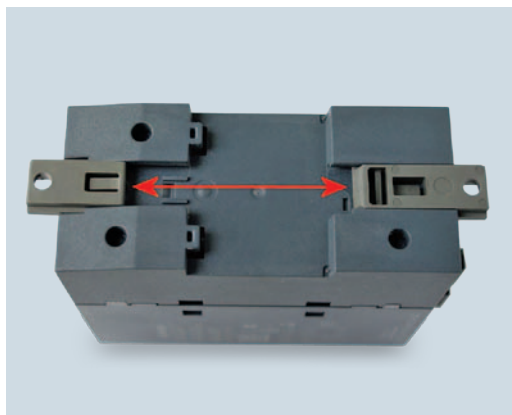
Flexibility

The SCALANCE XB line offers a comprehensive variety of unmanaged switches: full Gigabit capability and distances reaching up to 26 km with optional Fiber Optic ports. All eight switches come with the innovative dual-purpose DIN and Wall mount.

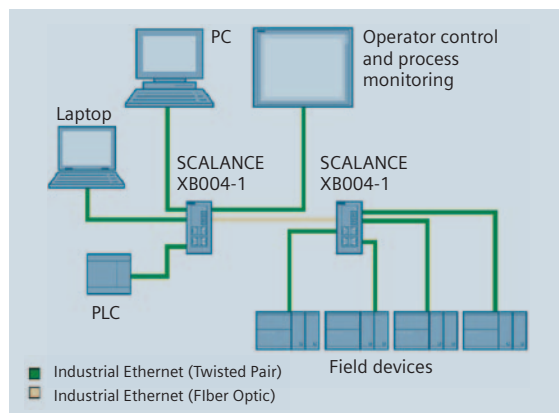
- 4 + 1, 5 and 8 Port models
- RJ45 and SC Fiber Optic connectors
- FastEthernet and Gigabit capability
- Singlemode or Multimode Fiber Optics
- Hybrid DIN/Wall mount

Simply connect your end devices to a SCALANCE XB and allow autosensing, autocrossover detection and autonegotiation features to set data transmission parameters. Large MAC learning tables allow seamless integration of Bus and Star topologies into your Industrial Ethernet network.

- Easy integration with PROFINET networks
- Data transmission rate detection via autosensing
- Autocrossover and autonegotiation
- MAC address learning tables up to 8 k



Hybrid DIN/wall mount







Mixed star topology with SCALANCE XB004-1

Fast Ethernet

SCALANCE XB-000 Industrial Ethernet switches





Unmanaged Industrial Ethernet switches for 10/100 Mbit/s, IP20 degree of protection, including operating instructions, Industrial Ethernet Network manual on CD-ROM

SCALANCE XB005	Ordering Data	Order No.
	5 x 10/100 Mbit/s electrical RJ45 ports	6GK5005-0GA10-1AB2
	8 x 10/100 Mbit/s electrical RJ45 ports	6GK5008-0GA10-1AB2
	4 x 10/100 Mbit/s electrical RJ45 ports and 1 x 100 Mbit/s optical SC port (multimode, glass), up to 5 km	6GK5004-1GL10-1AB2
	4 x 10/100 Mbit/s electrical RJ45 ports and 1 x 100 Mbit/s optical SC port (singlemode, glass), up to 26 km	6GK5004-1GM00-1AB2

Gigabit

SCALANCE XB-000 Industrial Ethernet switches

Unmanaged Industrial Ethernet switches for 10/100/1000 Mbit/s, IP20 degree of protection, including operating instructions, Industrial Ethernet Network manual on CD-ROM

SCALANCE XB005G	Ordering Data	Order No.
	5 x 10/100/1000 Mbit/s electrical RJ45 ports	6GK5005-0GA00-1AB2
	8 x 10/100/1000 Mbit/s electrical RJ45 ports	6GK5008-0GA00-1AB2
	4 x 10/100/1000 Mbit/s electrical RJ45 ports and 1 x 1000 Mbit/s optical SC port (multimode, glass), up to 750 m	6GK5004-1GL00-1AB2
	4 x 10/100/1000 Mbit/s electrical RJ45 ports and 1 x 1000 Mbit/s optical SC port (singlemode, glass), up to 10 km	6GK5004-1GM00-1AB2