ESW626 Series
Industrial 26 Port 19 inch Rackmount
Unmanaged Ethernet Switches

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Features

- ✓ Light Industrial design 61000-6-1 specifications
- ✓ -10 to 60°C or -40 to 75°C (-T models) temperature rating
- ✓ RJ-45 port supports auto MDI/MDI-X function
- ✓ SC Single mode and Multi mode fiber connectors
- ✓ Gigabit options with copper and SFP combo ports
- ✓ IP30 Enclosure
- ✓ Fanless design
- ✓ 256K bytes packet buffer
- ✓ 8k MAC address table
- ✓ 18 to 36 VDC power input
- ✓ 19-inch rack 1U height
- ✓ 100% burn in testing
- ✓ 5 year warranty

Functional Description

B&B Electronics Elinx ESW626 family of unmanaged Industrial rackmount Ethernet switches have been designed to meet light Industrial communication requirements. This family offers several configuration options ranging from 26 ports all RJ45 copper to RJ45 copper with multi mode, single mode, and or combo SFP gigabit ports.

Fiber Options

Choose fiber optic ports for long distance runs or applications that require extreme noise immunity. Both multi-mode and single-mode fiber options are available. The factory installed fiber ports support 100BaseFX speeds. Some models support an optional combo SFP slot which can be used for applications requiring gigabit speeds over fiber networks.

Gigabit

Gigabit ports are typically used for backhaul connectivity or with IP cameras. Models with gigabit options are designed with combo ports. A combo port consists of both: a copper 10/100/1000 port and a gigabit SFP port. The gigabit SFP modules are optional items. If fiber optic connections with gigabit speeds are required, choose the appropriate SFP module. Shown below, and add it to your order. Note that the gigabit combo ports will default to the copper connection, once an SFP module is installed the copper gigabit port will be disabled and the switch will utilize the SFP port for traffic.
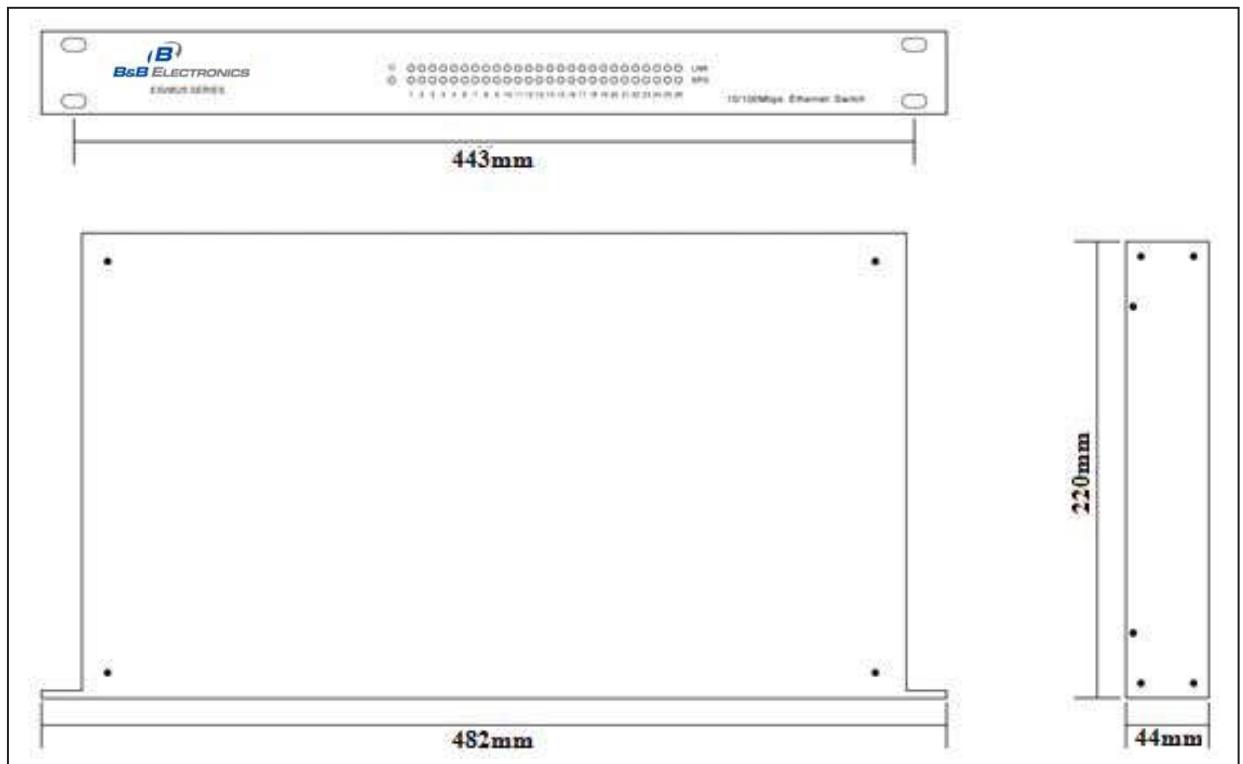
PRODUCT INFORMATION (vertical left margin)

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Ordering Information

Model	10/100	10/100/1000	SFP 1000	Multi-mode Fiber	Single-mode Fiber	Temperature	
ESW626	26					-10 to 60°C	
ESW626-2MC	24			2 (SC)		-10 to 60°C	
ESW626-2SC	24				2 (SC)	-10 to 60°C	
ESWG626-2SFP	24	(2)	(2)			-10 to 60°C	
ESW626-T	26					-40 to 75°C	
ESWG626-2SFP-T	24	(2)	(2)			-40 to 75°C	
ESWG626-4MC-2SFP-T	20	(2)	(2)	4 (SC)		-40 to 75°C	
ESWG626-4SC-2SFP-T	20	(2)	(2)		4 (SC)	-40 to 75°C	

Accessories:

Model No.	Description
MDR-60-24	24VDC 60W Single Output Industrial DIN Rail Power Supply
C5UMB3FBG	Ethernet Category 5e patch cord, 3 ft. (0.9m), beige
C5UMB7FBG	Ethernet Category 5e patch cord, 7 ft. (0.9m), beige
SFP-1000SX-M-550M-T	SFP Module, 1000Base-SX, Multi-mode 550m, LC Connector (-40 to 85°C)
SFP-1000LX-S-10KM-T	SFP Module, 1000Base-LX, Single-mode 10km, LC Connector (-40 to 85°C)
SFP-1000LX-S-20KM-T	SFP Module, 1000Base-LX, Single-mode 20km, LC Connector (-40 to 85°C)

Mechanical:

PRODUCT INFORMATION

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Specifications:

Technology

Standards:	IEEE802.3, 802.3u,802.3ab,802.3z, 802.3x
Processing Type:	Store and forward with IEEE802.3x full duplex, non-blocking flow control
Flow Control:	IEEE802.3x flow control, back pressure flow control
Packet buffer memory:	256 K bytes
Address Table Size	8K MAC Addresses

Interface

RJ45 Ports:	10/100BaseT(x) auto negation, Full/Half duplex, auto MDI/MDI-connection
Fiber Ports:	100BaseFX ports (multi-mode or single-mode with SC connector) Mini-GBIC SFP Combo Ports
LED Indicators:	Power, Link, Speed, System Status

Fiber Optics

Fiber Type	Distance	Wavelength	Output Power	Sensitivity
Multi-mode	2 km	1310 nm	$^-$20 to $^-$14 dBm	≤ - 33.9 dBm
Single mode	20 km	1310 nm	$^-$15 to $^-$14 dBm	≤ - 31 dBm

Power

Input Voltage	18 to 36 VDC
Power Use	20W Max
Input Connection	Terminal Block
Protection	Reverse Polarity Protection

Environmental

Op. Temperature	-10 to 60C or -40 to 75C
Storage Temperature	-40 to 80 °C
Op. Humidity	0 to 95% Non-condensing
MTBF	200,000 hours

Mechanical

Enclosure	IP 30 Metal
Dimensions	443 x 44 x 220
Installation:	19" Rackmount / 1U

Regulatory Approvals

CE, FCC,

RoHS - Yes

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