



SMART COMMUNICATION

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# BSB268 Industrial Unmanaged PoE+ Ethernet Switch

with 8 x 10/100Base-T(x) Ports  
and all Ports Support PoE+

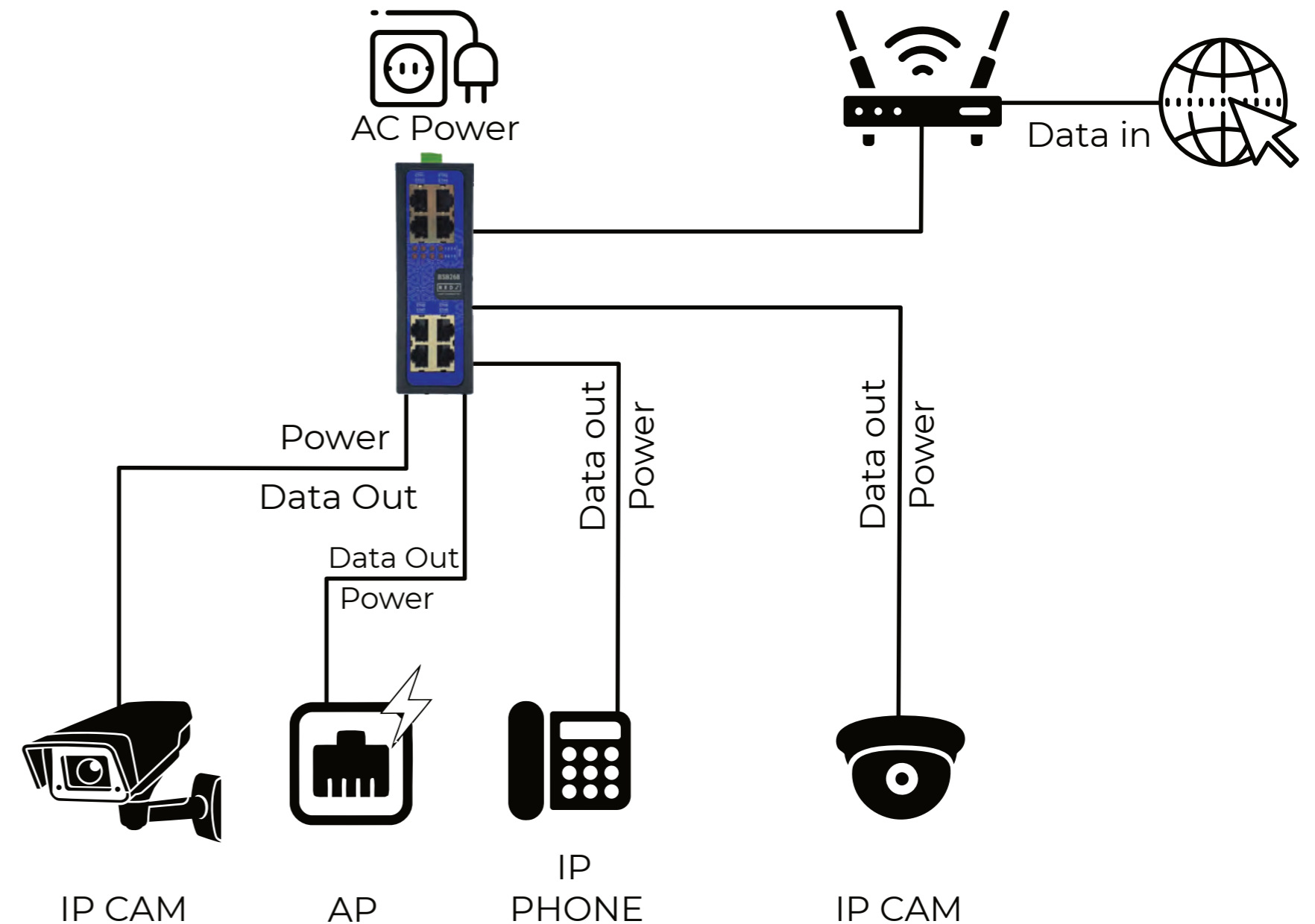


# CONNECTION WITH BSB SERIES PoE+ SWITCH

BETWEEN FIELD PoE DEVICES

## Main Features

- Supports 8 x 10/100Base-T(X) ports
- Supports PoE+ on all ports , 90 Watt Power Supply combined for all ports , Maximum 36 Watt per port
- IEEE 802.3AF-2003 and 802.3AT-2009 compliant
- Plug-and-play without additional settings
- 100 - 240V AC (120 - 370V DC), 50Hz to 60Hz AC wide range power input , 90Watt Power Supply
- Supports Full/Half-Duplex, auto-negotiation, auto MDI/MDIX and auto polarity correction on each port
- Wide operating temperature range from -30 to 80 °C
- Rugged Metal IP-40 housing design
- DIN-Rail mounting



## Description

BSB Series Industrial Unmanaged Ethernet Switches with PoE+ ports are designed for industrial-grade Ethernet, and particularly for facilities of rugged industry and infrastructure. BSB Series Industrial Unmanaged Ethernet Switches are tailored to perform various features such as wide temperature, wide range power input range... etc. Thus, BSB Series Industrial Unmanaged Ethernet Switches are the best choice for facility management, sewage treatment, power utility, telecommunication, transportation and all other applications that require reliable Ethernet and PoE connectivity.

BSB Series Industrial Unmanaged Ethernet Switches with PoE+ ports can power up to 36W device on a single port and total combined power supply is 90W. Additional PoE splitter can be used to separate power and data for field devices.

# TECHNICAL SPECIFICATIONS

## TECHNOLOGY

<b>PoE+</b>	IEEE 802.3AF-2003 and 802.3AT-2009 compliant , 90 Watt Power Supply combined for all ports , Maximum 36 Watt per port
<b>Ethernet Standards</b>	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-T(X) IEEE 802.3x Flow Control
<b>Mac Table</b>	1K MAC address entry
<b>Processing</b>	Store-and-Forward
<b>Memory</b>	448K bits packet buffer memory
<b>Auto Power Saving Mode</b>	Automatically enters this mode if no cable link is established.

## INTERFACE AND INDICATORS

<b>Reset Button</b>	Hard reset of the device
<b>10/100TX RJ45</b>	Activity LEDs
<b>PoE+ Ports</b>	Activity LEDs same with ETH Activity



# POWER

<b>Input Range</b>	100 - 240V AC (120 - 370V DC), 50Hz to 60Hz AC wide range power input , 90Watt Power Supply
<b>Protection</b>	115% ~ 160% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed
<b>Over Temperature</b>	Protection type : Shut down o/p voltage, re-power on to recover
<b>Isolation</b>	Withstand Voltage: 4KVAC Isolation Resistance: 100M Ohms / 500VDC / 25 °C / 70% RH



# PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS

<b>Enclosure</b>	Metal, IP 40
<b>Dimensions</b>	43 x 95 x 124 (w x d x h) mm
<b>Weight</b>	~400gr
<b>Storage Temperature</b>	-40 to 85 °C
<b>Operating Temperature</b>	-30 to 80 °C
<b>Operating Humidity</b>	20% to 90% Non-condensing

# Ordering Information

## BSB268

Industrial Unmanaged PoE+ Ethernet Switch,  
 8 x 10/100 T(x) ETH ports and all Ports Support PoE+,  
 100 - 240V AC (120 - 370V DC), 50Hz to 60Hz AC Wide Range Power Input,  
 90 Watt Power Supply combined for all Ports

## Product Comparison

Model	5-48V (Max. 60V) DC Power Input	100 - 240V AC (120 - 370V DC), 50Hz to 60Hz AC Power Input	3 Phase AC Power input, 110V-240V/ 50-60Hz AC Power Input	8 x 10/100 T(x) ETH ports	7 x 10/100 T(x) ETH ports	5 x 10/100 T(x) ETH ports	4 x 10/100 T(x) ETH ports	1 x 10/100 T(x) ETH ports	BPL (Broad band Power Line) Link	2 x SFP Uplink Ports	PoE+, Total 90 Watt Power Supply for all Ports
BSB115	●							●			
BSB118	●			●							
BSB120	●			●						●	
BSB215		●					●				
BSB218		●		●						●	
BSB220		●		●							●
BSB268		●		●							
BSB612			●					●	●		
BSB615			●				●		●		
BSB618			●		●				●		