

# BSC DC POWER BOX

**BSC-DCPB-48-18V**



CAMERA + RADIO NOT INCLUDED

BSC DC Power Box will allow users to simultaneously power both 802.3af and standard 18v POE clients using any 48v DC 1.3A power source. This will allow for a standard 18v POE wireless backhaul or point to multipoint connections, while powering any 802.3af standard camera. This will make any area without access to the internet capable of being monitored by cameras 24/7.

## 5-Port 10/100Mbps with 4-Port PoE Industrial Ethernet Switch - Wide Temperature

Product	5-Port 10/100Mbps with 4-Port PoE Industrial Ethernet Switch (-40~75 Degree C)	
Model	<b>ISW-504PT</b>	
<b>Hardware Specification</b>		
10/100Base-TX Ports	5	
IEEE 802.3af PoE ports	4	
Dimension (D x W x H)	135 x 87.8 x 56 mm	
Power LED	Power1, Power2 and Fault Port 1~4: PoE in-use, LNK / ACT Port 5: LNK / ACT	
Power Requirement	24 or 48 VDC input Redundant power with polarity reverse protection function	
Alarm	Provides one relay output for power fail Alarm Relay current carry ability: 1A @ DC 24V	
<b>Power over Ethernet</b>		
PoE Standard	IEEE 802.3af Power over Ethernet / PSE	
PoE Power Supply Type	End-Span	
PoE Power Output	Per Port 48V DC, 350mA . Max. 15.4 Watts	
Power Pin Assignment	1/2(+), 3/6(-)	
<b>Switch Specification</b>		
Switch Processing Scheme	Store-and-Forward	
Address Table	2K entries	
Flow Control	Back Pressure for Half Duplex IEEE 802.3x Pause Frame for Full Duplex	
Switch fabric	1Gbps	
Throughput (packet per second)	0.74Mpps@64bytes	
Network cables	10/100Base-TX: Cat. 3, 4, 5, 5e and 6 UTP cable (100meters max.) EIA/TIA-568 100-ohm STP (100meters, max.)	
Regulation Compliance	FCC Part 15 Class A, CE	
Stability Testing	IEC60068-2-32 (Free Fall) IEC60068-2-27 (Shock) IEC60068-2-6 (Vibration)	
Standard Compliance	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3af	Ethernet Fast Ethernet Flow Control Power over Ethernet
<b>Environment</b>		
Temperature	Operating: -40~75 Degree C Storage: -40~85 Degree C	
Humidity	Operating: 5~90%, Storage: 5~90% (Non-condensing)	

## 802.3af 48V to 18V POE Converter (for Ubiquiti Products)



Electrical Information	
Input	48V, 802.3af (with sensing capability)
Output	18V, 0.8A
Output POE method	positive 4,5; return 7,8
Ethernet ESD/Surge Protection	+/-15kV
Indoor Version Information	
Dimensions	27x21.5x93.5 mm
Weight	0.2kg
Temperature Operation	0 to 70C