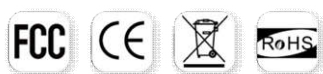


DW800-E

8-Port 10/100TX with 8 PoE Injector Industrial

Un-managed Switch

- Complies with IEEE 802.3at/af PoE Standard
- Redundant power supply with overload current protection
- Wide operating temperature range from -40°C to 75°C
- High power model provides up to 30W power output per port
- Supports Voltage booster from 48VDC ~56VDC



OVERVIEW

The DW800-E is a 8-port 10/100TX with 8 PoE Injector Industrial PoE Switch for plug-and-play installation. This slim switch is designed with Wall-mountable or DIN rail mountable, making installation more easy.

Besides redundant power supply with overload current protection, . Featured with relay contact to alarm system function, the DW800-E can immediately notify of power failure event.

The DW800-E is designed to meet with critical network environment with IP 30 enclosure and test under extensive Industrial EMI and Safety standards. It also passed stability testing such as free fall, shock and vibration.

The DW800-E is the best Industrial switch to connect with IP Camera, Wireless Equipments where are placed outdoor or in tight space cabinet. The DW800-E can be used in extreme

environments with an operating temperature range of -40°C to 75°C.

The DW800-E is the high power model which provides higher power output up to 30W per port for devices that require higher power supply.

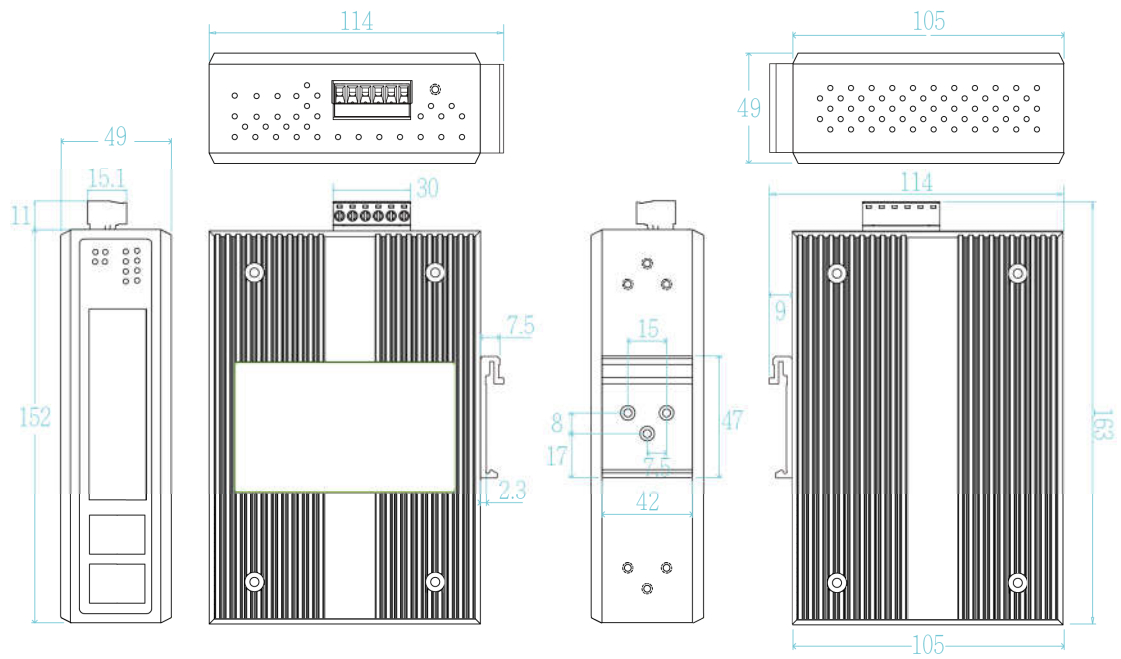
FEATURES & BENEFITS

- **System Interface/Performance**
 - RJ-45 port support Auto MDI/MDI-X Function
 - Embedded 8-port PoE Injector Function
 - Store-and-Forward Switching Architecture
 - Back-plane (Switching Fabric): 1.6Gbps
 - 16K MAC address table
- Supports Wide Operating Temperature (-40°C~75°C)
- IP-30 Metal Housing with DIN Rail and Wall Mount Design
- DC 48V Redundant Power
- Polarity reverse protection & removable terminal block

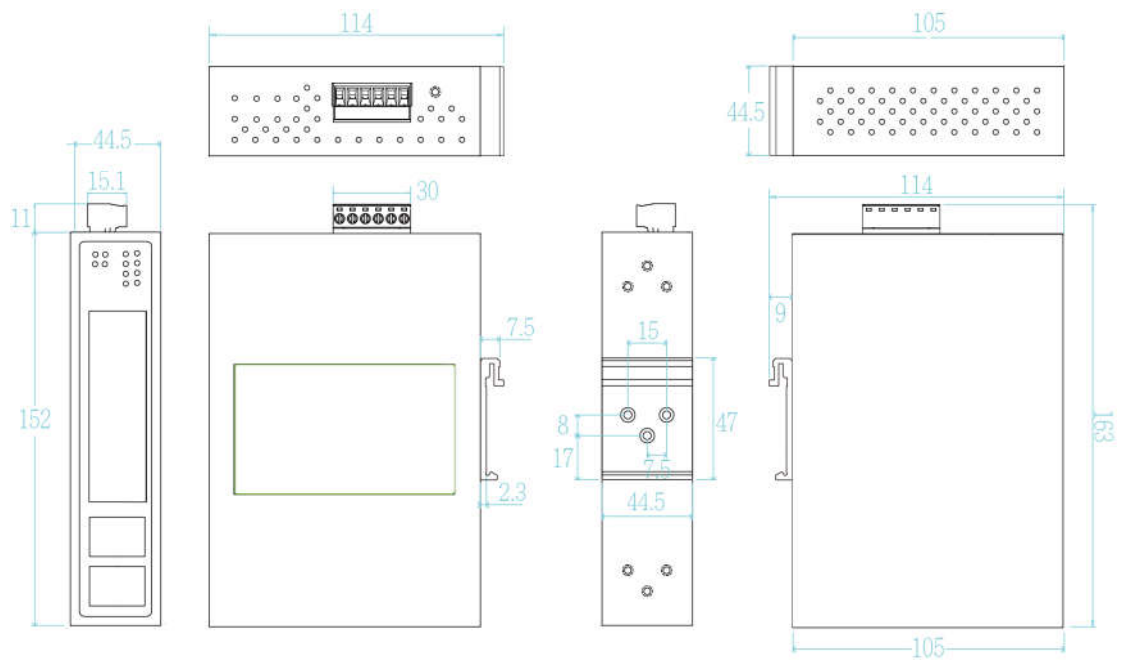
DIMENSIONS

Industrial Un-managed Switch with PoE Series

DW800-BE



DW800-E/DW800



Industrial Un-managed Switch with PoE Series

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX IEEE802.3z Gigabit Fiber IEEE802.3x Flow Control and Back Pressure IEEE 802.3af PoE specification IEEE 802.3at+ PoE specification	PoE Power	12VDC (DW800-BE 12~48VDC), Redundant power with polarity reverse protect function and removable terminal block POE power per port 30watts @54V Maximum total power 240Watts, Supports IEEE802.3af/at for DW800-E Maximum total power 96Watts for DW800-BE
Switch Properties	Back-plane (Switching Fabric): 1.6Gbps Packet throughput ability (Full-Duplex): 1488100pps @64bytes	Consumption	5.76 Watts (Full load: Only Ethernet)
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port	Overload Current	Present
Connectors	10/100TX: 8 x RJ-45 with auto MDI/MDI-X function Support 8 PoE injector function	Reserve Polarity	Present
MAC Address	16K MAC addresses	Operating Humidity	5% to 95% Non-condensing
Packet Buffer	4M bits	Operating Temperature	-40°C~75°C / -40°F~167°F
Processing	Store-and-Forward	Storage Temperature	-40°C~85°C / -40°F~185°F
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)	EMI/EMS	FCC Class A EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11 CE EN55022 Class A, CE EN55024
Optical Cable	n/a	Stability Testing	IEC60068-2-31 (Drop Off) IEC60068-2-27 (Shock) IEC60068-2-6 (Vibration)
PoE pin Assignment	RJ-45 port #1 - #8 support IEEE 802.3at End-point; Alternative A mode. Positive (VCC+): RJ-45 pin 1,2 Negative (VCC-): RJ-45 pin 3,6 Data (1,2,3,6)	Warranty	2 years
Protocol	CSMA/CD		
Case Dimension	Metal case, IP-30; 49mm(W)x105mm(D)x152mm(H)		
Weight	648g		
LED	Power Indicator Green LED x 2 10/100Base-T(X) RJ45 port indicator Green for port Link/Act. Amber for Duplex/Collision		
Power Supply	48VDC (DW800-E 48~54VDC), Redundant power with polarity reverse protect function and removable terminal block		

*Future Release
**Optional

ORDERING INFORMATION

- **DW800**
8 10/100TX w/8 PoE Injector Industrial Switch; Input Power 48VDC~56VDC ; -20°C~60°C;
- **DW800-E**
8 10/100TX w/8 PoE Injector Industrial Switch; Input Power 48VDC~56VDC ; -40°C~75°C;
- **DW800-BE**
8 10/100TX w/8 PoE Injector Industrial Switch; Input Power 24VDC~48VDC ; -40°C~75°C;

OPTIONAL ACCESSORIES

DIN Rail Power

- **AD1048-24FS** 24VDC, 2A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 18 Watts at 75°C.)
- **AD1024-24F** 24VDC, 1A, Wide AC Input, Convection Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 75°C, which means the output is 9 Watts at 75°C.)
- **AD1240-48S** 48VDC, 5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)
- **AD1120-48F** 48VDC, 2.5A, Wide AC Input, Build-in fan Cooled, DIN Rail or Wall Mounted, RoHS, Operating Temp. -20°C~50°C (ambient, derating each output at 2.5% per degree from 50°C ~ 70°C)