

# POE Switching Power Adaptor POE90-560161

## Features

- ◆ AC input voltage range 90-290VAC
- ◆ Protections against: short circuit/over current/over voltage/over temperature over-charging
- ◆ Power Factor  $\geq 0.9$
- ◆ Meets IEEE 802.3af/at/bt standard
- ◆ Support 10Mbps/100Mbps/1G/2.5G/5G/10G Ethernet transmission



POE90-560161

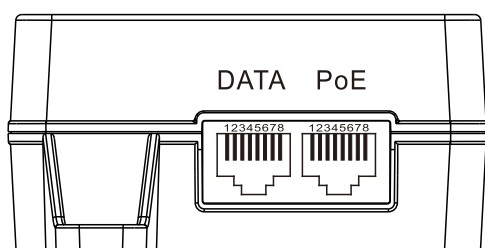
Input Voltage Range	90-290VAC	Operating Temperature	-40°C~65°C
Input Current	1.8A	Storage Temperature	-40°C~70°C
Efficiency	85%	Operating Humidity	5% to 95% non condensing
Output Voltage Tolerance	$\pm 3\%$	MTBF	100,000 hours at full load at 25°C ambient, calculated per MIL-HDBK-217
Power Factor	0.9		
Safety Standard	BIS(IEC60950-1), BSMI(CNS14336-1), CE(EN62368-1), CCC(GB4943.1), EAC(ICE62368-1), CB(IEC62368-1), FCC(Part 15), GS(EN62368-1), PSE(J62368-1), cULus(UL62368-1), CCC(GB4943.1), IRAM(IEC62368-1), RCM(AS/NZS 62368.1), NOM(NOM-001-SCFI-1993), PSB(IEC60950-1)		
Weight	570g	Dimensions	191.5mm(w/o hanging ring)/222mm(L);80mm(W);40mm(H)
Applications	IP Phone, Wireless AP, POS device, etc.		

## Output data (POE90-560161)



Model	Voltage (V)	Current (A)	Ripple (mV)	Av. Eff. (%) Min
PoE90-560161	56.0	0.09-1.61	200	85.0

## Pin Connections



### DATA Pins

1. Data Pair 1
2. Data Pair 1
3. Data Pair 2
4. Data Pair 3
5. Data Pair 3
6. Data Pair 2
7. Data Pair 4
8. Data Pair 4

### PoE Pins

1. Data + Power(+VDC)
2. Data + Power(+VDC)
3. Data + Power(-VDC)
4. Data + Power(+VDC)
5. Data + Power(+VDC)
6. Data + Power(-VDC)
7. Data + Power(-VDC)
8. Data + Power(-VDC)

## Standard

EMC standard	EN55032/CISPR32; EN55035/CISPR35
Conduction & Radiation	EN55032/CISPR32 Class B
Harmonic Currents	IEC/EN 61000-3-2 Class A
Voltage Flicker	IEC/EN 61000-3-3
ESD	IEC/EN 61000-4-2 $\pm 15$ KV Air, $\pm 8$ KV Contact Class B
Radiated Immunity	IEC/EN 61000-4-3 3V/m Class B
EFT/Burst	IEC/EN 61000-4-4 $\pm 2$ KV Class B
Surge	IEC/EN 61000-4-5 $\pm 6$ KV DM, $\pm 6$ KV CM
Conducted Immunity	IEC/EN 61000-4-6 13Vrms Class B
Dips & Interruptions	IEC/EN 61000-4-11 0%, 70%, 0% of UT