









## Single Gigabit / Multi Gigabit PoE Injector / Adapter Comparison List

Product Type	Internal Power / PoE Injector			External Power / PoE Injector			Wide Temperature / PoE Injector	
Max PoE Power Output	30 Watt	60 Watt	90 Watt	30 Watt	30 Watt	60 Watt	60 Watt	90 Watt
Product Model	POE-G30I	POE-G60I	POE-G90I	POE-G30T	POE-PE03GE-30W	FPOE-PE-60W	POE-DX60T	POE-DX60T
Products Picture								
Speed	10/100/1000M/2.5G/5G (Multi-Gigabit)	10/100/1000M/2.5G/5G (Multi-Gigabit)	10/100/1000M/2.5G/5G (Multi-Gigabit)				10/100/1000M/2.5G/5G/10G (Multi-Gigabit)	10/100/1000M/2.5G/5G/10G (Multi-Gigabit)
Hardware Specifications								
Twisted-pair Used	2Pair	4Pair	4Pair	2Pair	2Pair	4Pair	4Pair	4Pair
PoE Type	Active PoE	Active PoE	Active PoE	Active PoE	Passive PoE	Passive PoE	Active PoE	Active PoE
LED Display	Power LED PoE Type by LED display on RJ45 Connector (select the of Type A or Type B to display)	Power LED PoE P/I LED	Power LED PoE P/I LED	Power LED PoE Type by LED display on RJ45 Connector (select the of Type A or Type B to display)	Power LED	Power LED	SystemPower(Green) x1 PoE (RJ45): End-span(Green),Mid-span(Yellow) x2	SystemPower(Green) x1 PoE (RJ45): End-span(Green),Mid-span(Yellow) x2
Power PIN	End-span (Type-A) PIN 1/2,3/6 Mid-span (Type-B) PIN 4/5,7/8	End-span (Type-A) PIN 1/2,3/6 Mid-span (Type-B) PIN 4/5,7/8	End-span (Type-A) PIN 1/2,3/6 Mid-span (Type-B) PIN 4/5,7/8	End-span (Type-A) PIN 1/2,3/6 Mid-span (Type-B) PIN 4/5,7/8	Midspan (Type-B) PIN 4/5 & 7/8	Endspan (Type-A) PIN 1/2 & 3/6 Midspan (Type-B) PIN 4/5 & 7/8	Endspan (Type-A) PIN 1/2 & 3/6 Midspan (Type-B) PIN 4/5 & 7/8	Endspan (Type-A) PIN 1/2 & 3/6 Midspan (Type-B) PIN 4/5 & 7/8
Data PIN	PIN 1/2, 3/6 & 4/5, 7/8	PIN 1/2, 3/6 & 4/5, 7/8	PIN 1/2, 3/6 & 4/5, 7/8	PIN 1/2 & 3/6, 4/5 & 7/8	PIN 1/2, 3/6 & 4/5, 7/8	PIN 1/2 & 3/6, 4/5 & 7/8	PIN 1/2 & 3/6, 4/5 & 7/8	PIN 1/2 & 3/6, 4/5 & 7/8
Power Input Interface	Power Cord AC in	Power Cord AC in	Power Cord AC in	DC In & Screw Terminal Block In (Can be select one or two interfaces for input)	DC in	DC in	DC In or Screw Terminal Block In (Only one interface can be selected for input)	DC In or Screw Terminal Block In (Only one interface can be selected for input)
Voltage	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	DC 48-57V	DC 48~57V	DC 50~57V	DC 48-57V	DC 48-57V
ESD Protection Design	V	V	V	V	V	V	V	V
Standards Conformance								
IEEE802.3u/802.3ab 100/1000Base-T	V	V	V	V	V (Max transmission rate up to 10Gbps)	V (Max transmission rate up to 10Gbps)	V	V
IEEE 802.3bz 2.5G/5GBASE-T	V (Max transmission rate up to 5Gbps)	V (Max transmission rate up to 5Gbps)	V (Max transmission rate up to 5Gbps)	V (Max transmission rate up to 5Gbps)			V	V
IEEE 802.3an 10GBASE-T							V (Max transmission rate up to 10Gbps)	V (Max transmission rate up to 10Gbps)
IEEE 802.3af PoE	V	V	V	V			V	V
IEEE 802.3at PoE+ ( Plus )	V	V	V	V			V	V
IEEE 802.3bt Type3 (Power Level)		V	V				V	V
IEEE 802.3bt Type4 (Power Level)			V				V	V
POE / POE+ / POE++ Class Level								
Class3 (15.4Watt)	V	V	V	V	V	V	V	V
Class4 (30Watt)	V	V	V	V	V	V	V	V
Class5 (45Watt)		V	V			V	V	V
Class6 (60Watt)		V	V			V	V	
Class7 (72Watt)			V					V
Class8 (90Watt)			V					V
Environmental&M/Characteristics								
Power Requirement	56Volt DC/0.53A Open Frame Internal Power Supply	56Volt DC/1.075A Open Frame Internal Power Supply	56Volt DC/1.61A Open Frame Internal Power Supply	56Volt DC/0.53A External Power Supply	56Volt DC/0.53A External Power Supply	56Volt DC/1.16A External Power Supply	56Volt DC/1.16A External Power Supply	56Volt DC/2.6A External Power Supply
RJ45 cabling effective PoE length	100m(RJ45 CAT5 UP)	100m(RJ45 CAT5 U.L.)	100m(RJ45 CAT5 U.L.)	100m(RJ45 CAT5 UP)	100m(RJ45 CAT5 UP)	100m(RJ45 CAT6 UP)	100m(RJ45 CAT 6A UP)	100m(RJ45 CAT 6A UP)
Output Voltage	56volt (Use the internal power supply voltage value)	56volt (Use the internal power supply voltage value)	56volt (Use the internal power supply voltage value)	56volt ( Use the external power adapter voltage value)	56volt ( Use the external power adapter voltage value)	56volt ( Use the external power adapter voltage value)	56volt ( Use the external power adapter voltage value)	56volt ( Use the external power adapter voltage value)
Operating Temperature	0° to 40° C	0° to 40° C	0° to 40° C	0° to 55° C	0° to 55° C	0° to 55° C	-40° to 75° C	-40° to 75° C
Storage Temperature	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40° to 85° C	-40° to 85° C
Dimension ( W x D x H )	155 x 67.5 x 34 (mm)	67.5*64*39.8 (mm)	67.5*64*39 (mm)	64.8x24x 65.8 (mm)	54 x 23 x 41 (mm)	54 x 23 x 41 (mm)	130 x 27 x 82 (mm)	130 x 27 x 82 (mm)
Weight ( g )	220g	213g	216g	46g	30g	32g	233g	233g
Form Factor	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting	Desktop / Wall mounting
Certifications FCC, CE, RoHS compatible	V	V	V	V	V	V	V	V
Features Notice	<ul style="list-style-type: none"> <li>According to the structure of appearance design, it doesn't need to use external DC power adapter.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Support 4-Speed connection (100M/1G/2.5G/5G)</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>According to the structure of appearance design, it doesn't need to use external DC power adapter.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Support 4-Speed connection (100M/1G/2.5G/5G)</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>According to the structure of appearance design, it doesn't need to use external DC power adapter.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Support 4-Speed connection (100M/1G/2.5G/5G)</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>Quickly detection shows that RJ45 power PIN connection has PoE and two LEDs indicate the status of PoE power type</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Allows Screw Terminal Block 2Pin cable plug power in.</li> <li>It can choose dual power source as power backup function for the device (Power failure)</li> <li>Support 4-Speed connection (100M/1G/2.5G/5G)</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>Small size brings a great deal of convenience benefits to any environments.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>Small size brings a great deal of convenience benefits to any environments.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>Support -40°~75°C wide temperature design, suitable for severe environmental applications.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Allows Screw Terminal Block 2Pin cable plug power in.</li> <li>Support 5-Speed connection (100M/1G/2.5G/5G/10G)</li> <li>Production Location: TW only</li> </ul>	<ul style="list-style-type: none"> <li>Support -40°~75°C wide temperature design, suitable for severe environmental applications.</li> <li>Power stable without loss when the PoE cable reaches 100M</li> <li>Allows Screw Terminal Block 2Pin cable plug power in.</li> <li>Support 5-Speed connection (100M/1G/2.5G/5G/10G)</li> <li>Production Location: TW only</li> </ul>
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