


IEEE 802.3at Gigabit High Power over Ethernet Injector Comparison Table

2013/3/19

Made by Marc Liao

Brand	PLANET	TRANSITION	TRENDNET
Model Name	POE-163	L1000i-at	TPE-115GI
Product Outlook			
Hardware Specification			
Enclosure	Plastic	Plastic	Plastic
Wall Mounting	Yes	Yes	–
Dimension (W x D x H)	115 x 62.5 x 31 mm	140 x 65 x 36 mm	133 x 63 x 35 mm
Weight	177g	454g	162g
Ethernet Connector	2 x RJ-45 (1 for Data input, 1 for Data + power output)	2 x RJ-45 (1 for Data input, 1 for Data + power output)	2 x RJ-45 (1 for Data input, 1 for Data + power output)
Ethernet Data Rate	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
DC Input Power Socket	1 AC 100-240V Input Power Socket	1 AC 100-240V Input Power Socket	1 AC 100-240V Input Power Socket
Power Requirement	100-240V AC, 50/60Hz, 0.75A	100-240 V AC, 50/60Hz, 0.72A	100-240V, 50/60Hz, 0.65A
Unit Output Voltage	DC 53V, 0.6A	DC 55V, 0.6A	–
Power Consumption	30 Watts max.	30 Watts max.	30 Watts max.
Number of Device can be powered	1	1	1
LED Indicate	System: Power x 1 (Green) PoE Port: Active, PoE ready / In Use x 1 (Green)	AC Power x 1 Feeding Power x 1	Power Port x 1
Power over Ethernet Specification			
PoE Standard	IEEE 802.3at High Power over Ethernet / Mid-Span PSE	IEEE 802.3at High Power over Ethernet	IEEE 802.3at High Power over Ethernet / End-Span PSE
PoE Power Output	DC 53V / 30 Watts	DC 55V / 30 Watts	30 Watts
PoE Power Supply Type	Mid-Span	–	End-Span
Power Pin Assignment	4/5(+), 7/8(-)	–	Pair 1: Pin 1, 2 Pair 2: Pin 3, 6
Standard Conformance			
Operating Environment	0 to 50 Degree C	0 to 40 Degree C	-10 to 45 Degree C
Storage Environment	-10 to 70 Degree C	-40 to 70 Degree C	-20 to 60 Degree C
Emission	FCC Part 15 Class B, CE	FCC Clas B, CE Mark	CE, FCC
Ethernet Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3at High Power over Ethernet IEEE 802.3af Power over Ethernet	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3at High Power over Ethernet IEEE 802.3af Power over Ethernet	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3at High Power over Ethernet IEEE 802.3af Power over Ethernet
Remark			