



## IEEE 802.3at High Power over Ethernet Injector Comparison Table

2013/3/20

Made by Marc Liao

Brand	PLANET	TRENDNET
Model Name	POE-164	TPE-1051
Product Outlook		
Hardware Specification		
Enclosure	Plastic	Plastic
Wall Mounting	Yes	-
Dimension (W x D x H)	115 x 62.5 x 31 mm	133 x 63 x 35 mm
Weight	177g	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)
Ethernet Data Rate	10/100Mbps	10/100Mbps
DC 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	100-240V, 50/60Hz, 0.65A
Unit Output Voltage	DC 53V, 0.6A	-
Power Consumption	30 Watts max.	30 Watts max.
Number of Device can be powered	1	1
LED Indicate	System: Power x 1 (Green) PoE Port: Active, PoE ready / In Use x 1 (Green)	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 / End-Span PSE
PoE Power Output	DC 53V / 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	-10 to 45 Degree C
Storage Environment	-10 to 70 Degree C	-20 to 60 Degree C
Emission	FCC Part 15 Class B, CE	CE, FCC
Ethernet Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast 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 802.3at High Power over Ethernet IEEE 802.3af Power over Ethernet
Remark		