



BirdDog 97W PoE Power Injector

For BirdDog A200 – A300



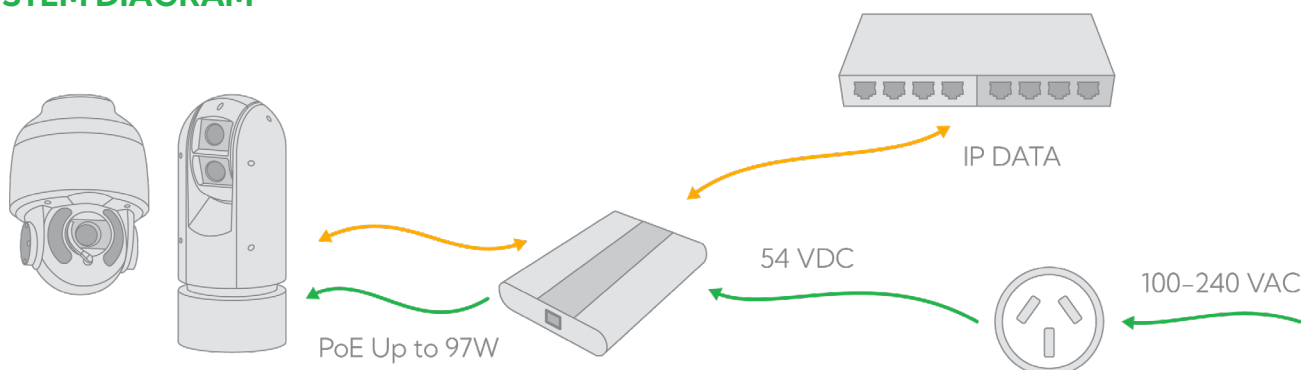
KEY FEATURES

- Power Consumption: Up to 97W
- Compatibility: PoE, PoE+, PoE++ (Type 3 & Type 4)
- Support POH (Power Over HDBaseT)
- One CAT 6 cable transmission up to 80 meters.
- Data Rate: 100/1000Mbps
- Short Circuit Protection

FUNCTIONALITY

- PoE Standard: IEEE802.3af/ IEEE802.3at/IEEE802.3bt
- Cable: Cat5e/Cat6/Cat6e/Cat7
- Power Efficiency: 90%
- Isolation: 1500VDC
- Protection Function: Overload Protection, Short Circuit Protection
- Use external 54VDC power supply

SYSTEM DIAGRAM





Wall Mount Included

MODEL NO.	BL-PP97
High Power PoE Injector	
Interface Ports	1x RJ45 LAN port(LAN IN) 100/1000Mbps Auto-Negotiation 1x RJ45 PoE port(Power+Data Out) 100/1000Mbps Auto-Negotiation 1x Power socket(DC IN)
Network Media	100/1000BASE-T: UTP CAT5e (Max 70m), CAT6 (Max 100m)
Basic Function	Auto-Sensing Algorithm enables providing power with 802.3af/ 802.3at PD Delivers power and data over the same cable up to 100 meters Auto-determine the necessary power requirements Plug-and-Play
Power	Input: External 54VDC power adapter Output: Auto-determine the necessary power requirements up to 97W (80% efficiency may apply).
LED Indicator	Power On (Red)
Operating Temperature	-40°C~60°C
Operating Humidity	10%~90% non-condensing
Protection Function	Overload Protection, Short Circuit Protection
Mount	Desktop pads x4 and Wall mount x1 are included, Din-Rail mount optional
Dimension	164x118x33mm
Weight	0.52KG

PoE Standards

TYPE	STANDARD	PD Min. Power Per Port	PSE Max. Power Per Port	Cable Category	Power Over Pairs
PoE	IEEE 802.3af	12.95W	15.4W	Cat5e	2 Pairs
PoE+	IEEE 802.3at	25W	30W	Cat5e	2 Pairs
PoE++ (Type 3)	IEEE 802.3bt	51-60W	60W	Cat5e	2 Pairs class 0-4, 4 Pairs class 5-6
PoE++ (Type 4)	IEEE 802.bt	71-90W	100W	Cat5e	4 pairs class 7-8

ORDER INFORMATION: BD-A-PP97 (The PoE Injector)