Key Features & Benefits

- Supply power to 5 classes network surveillance cameras

- 2x 10 Gb RJ45 ports

- Support network port, lightning-proof power input port (the secondary lightning protection)

- PoE power supply type is four line pairs of twisted pair, the positive power supply side is 1/2 or 4/5 line pair, and the negative power supply side is 3/6 or 7/8 line pair

- Support LT PoE++ high power standard, compatible with IEEE802.3bt standard

- Single port PoE output power is 95W, output voltage is 47.04~50.4V , and the total power is 100.8W

- No fans, natural cooling, small and exquisite, no noise design, suitable for outdoor installation

- IP67* Compliant Rating And Water Tight Connectors Based On Patent Pending Technology

- External LEDs - Highly Visible LED Indicator for Ethernet Link, PoE Power, System Power, & AC Output Port.

* When used with the included watertight connector kit

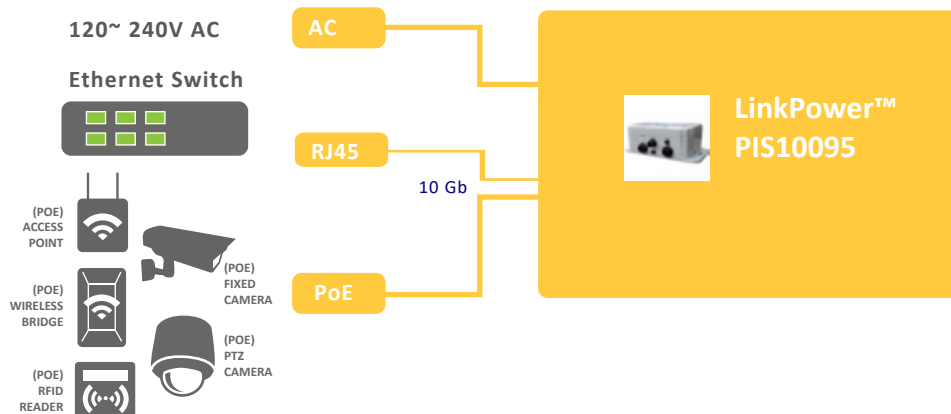### OUTDOOR HIGH POWER AC GIGABIT INJECTOR

LinkPower™ PIS10095 Hi-Power 10 Gbps 2-Port PoE Injector

Inscape Data's LinkPower™ PIS100095 two port 10 Gb PoE (Power over Ethernet) Injector is a 10 Gigabit high power 95W DC PoE injector, and it supports IEEE802.3bt high power standard and is backward compatible with IEEE 802.3bt standards. There are two RJ45 network ports, and one of which is used as an uplink port to a switch or to another network device. Another network port is the PoE port that integrated PoE power output and network data. The high power DC output simplifies the overall installation by eliminating the need for a power cord, such as, high power network dome cameras or other high power IP devices.

Applications

- *Smart City*
- *IP Video Surveillance*
- *Campus Network*
- *Wireless Mesh Network*
- *Border Security Surveillance*
- *Municipal Network*

- *Energy & Refineries*
- *Hospitality Network*
- *Hotel Resort Network*
- *Hotspot Integration*
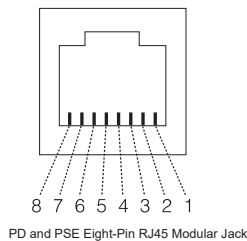- *VOIP Service*
- *Traffic Monitoring*

System Configurations

120~ 240V AC

Ethernet Switch

AC

RJ45

10 Gb

PoE

LinkPower™ PIS10095

(POE) ACCESS POINT
(POE) WIRELESS BRIDGE
(POE) RFID READER
(POE) FIXED CAMERA
(POE) PTZ CAMERA

[1]Voltage Status can be 12V DC, 24V DC, 48V DC, or 802.3af depending on the models.

All above images were taken for the purpose of these explanations; actual images may differ. (03/2023-T)

Product Name	10Gb High-Power 802.3bt Outdoor 2-Port PoE Injector
Product Model	PIS10095
Connector Type	2x10 Gbps copper cable RJ45 ports, 1x Data input port, 1x PoE output port
PoE Power Supply Type	PoE power supply is four pair line pairs of twisted pair, the positive power supply side is 1/2 & 4/5 line pair, the negative power supply side is 3/6 & 7/8
Network Medium	100BASE-TX: 5 class UTP(≤100m）
	1000BASE-TX: 5 class or more UTP(≤100m）
	10GBASE-T1 UTP (≤100m） CAT6
Performance Specifications	PoE output voltage: 48.0~50.4V
	Working Speed:10 Gbps
	Network Port Protection: meet the IEC61000-4-2(ESD)
	MTBF: 100,000 hours
Network Protocols and Standards	IEEE 802.3i 10BASET
	IEEE 802.3u 100BASETX
	IEEE 802.3x Flow Control
	IEEE 802.1ab 1000BASET, 10GBASE-T1
	IEEE 802.3af DTE Power via MDI
	Support IEEE802.3bt PoE++ high power standard, compatible with IEEE802.3af/ IEEE802.3at standard .
LEDs Indicator	PoE working status
Power	Total system power: 100.8W
	PoE output power: 95W
	Input Voltage: 120V ~240V AC, Output Voltage: 48.0 - 50.4V DC
Dimension/Weight	LxWxH: 193.80mm x 117.60mm x 78.49mm (7.63x4.63x3.09 inch) / 4LB / 1.8kg
Working Environment	Working Temperature: -30°～70°C, Storage Temperature: -20°～ 75°C
	Working Humidity: 10% ～ 90%, non-condensing, Storage humidity:10% ～95%, non-condensing, Weatherproof to IP67 Compliance
Safety & EMC	CE mark, commercial, FCC Part 15 Class B, RoHS UL60950-1, TUV EN60950-1 Approved
Warranty	3-year warranty

	PSE Pinout		PD Pinout	
RJ45 Conductor Pin#	802.3af Mode A	802.3af Mode B/ Passive PoE*	802.3af Mode A	802.3af Mode B/ Passive PoE*
1	Rx, V+	Rx	TX+, V+	TX+
2	Rx, V+	Rx	TX-, V+	TX-
3	Tx, V-	Tx	RX+, V-	RX+
4	Spare	V+		V+
5	Spare	V+		V+
6	Tx, V-	Tx	RX-, V-	RX-
7	Spare	V-		V-
8	Spare	V-		V-

PD and PSE Eight-Pin RJ45 Modular Jack

8 7 6 5 4 3 2 1

PACKAGE CONTENTS

- **PIS10095** (1)
- WECK0001 Waterproof Ethernet Connector Kit (1)
- WPCK0001 Waterproof Power Cord Kit (1)
- User Manual (1)
- 3-Year Warranty Sheet (1)
- MMK0001-XS Pole Mount Kit (1) (Optional)

Total PoE Solutions for Wired/Wireless, IP Video, & Smart City Applications