

211P/221P Gigabit PoE Injector Quick Installation Guide

Version: 1.00

Overview

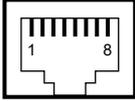
The 211P is an IEEE 802.3bt compliant PoE Injector supporting 90 watts maximum output power, with 1000Mbps speed. The 221P is an IEEE 802.3at compliant PoE Injector supporting 30 watts maximum output power, with 2.5Gbps speed. Both 211P and 221P are equipped with built-in power supply for easy installation.

Specifications

Model Name	211P	221P
Ethernet Compliance	10/100/1000BASE-T	10/100/1000/2.5GBASE-T
PoE Compliance	IEEE 802.3af/at/bt	IEEE 802.3af/at
PoE Output Power	90 watts maximum	30 watts maximum
Power Input	100 ~ 240 VAC	100 ~ 240 VAC

RJ45 Pin Assignments

8-pin RJ45



Both 211P/221P “DATA IN” and “DATA & POWER OUT” interfaces are standard 8-pin RJ45 connectors. The following tables display the pinouts.

- The MDI/MDI-X pinouts of the 211P/221P “DATA IN” and “DATA & POWER OUT” interfaces.

MDI Port Pinouts		MDI-X Port Pinouts	
Pin	Description	Pin	Description
1	BI_DA+	1	BI_DB+
2	BI_DA-	2	BI_DB-
3	BI_DB+	3	BI_DA+
4	BI_DC+	4	BI_DC+
5	BI_DC-	5	BI_DC-
6	BI_DB-	6	BI_DA-
7	BI_DD+	7	BI_DD+
8	BI_DD-	8	BI_DD-

- The IEEE 802.3af/at pinouts of the 211P/221P “DATA & POWER OUT” interfaces.

IEEE 802.3af/at PoE Pinouts			
Pin	Description	Pin	Description
1	V+	5	Not used
2	V+	6	V-
3	V-	7	Not used
4	Not used	8	Not used

- The IEEE 802.3bt pinouts of the 211P “DATA & POWER OUT” interface.

IEEE 802.3bt PoE Pinouts			
Pin	Description	Pin	Description
1	V+	5	V+
2	V+	6	V-
3	V-	7	V-
4	V+	8	V-

LED Indicators

Two LEDs on the front panel of the 211P and 221P.

LED	Color	On	Off
AC	Green	Device Power On	Device Power Off
PORT	Green	PoE Power Output On	PoE Power Output Off

Hardware Interface

Power	Connect with power cord
DATA IN	Connect with Ethernet network
DATA & POWER OUT	Connect with powered device (PD)

NOTE

- Please scan below QR Code to download online resources.
Download link: <https://www.proscend.com/en/product/200P.html>



211P/221P