



Access Point Pinouts

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This appendix describes the pin signals of the access point Ethernet connectors, and the power injector input and output connectors. The following table describes the pin signals of the access point PoE Out connector.

Table 1: Access Point PoE Out Ethernet Connector Pinouts

Pin Number	Signal Name
1	Ethernet signal pair (10/100/1000BASE-T) and VDC return
2	
3	Ethernet signal pair (10/100/1000BASE-T) and VDC (+)
6	
4	Ethernet signal pair (10/100/1000BASE-T)
5	
7	Ethernet signal pair (10/100/1000BASE-T)
8	
Shield	Chassis ground

The following table describes the pin signals for the access point PoE In Ethernet connector.

Table 2: Access Point PoE In Ethernet Connector Pinouts

Pin Number	Signal Name
1	Ethernet signal pair (10/100/1000BASE-T) and VDC
2	
3	Ethernet signal pair (10/100/1000BASE-T) and VDC
6	
4	Ethernet signal pair (1000BASE-T) and VDC
5	
7	Ethernet signal pair (1000BASE-T) and VDC
8	
Shield	Chassis ground

The following table describes the pin signals for the power injector input connector (To Switch).

Table 3: Power Injector AIR-PWRINJ-60RGD1= and AIR-PWRINJ-60RGD2= Input Connector (To Switch) Pinouts

Pin Number	Signal Name
1	Ethernet signal pair (10/100/1000BASE-T)
2	
3	Ethernet signal pair 10/100/1000BASE-T)
6	
4	Ethernet signal pair (1000BASE-T)
5	
7	Ethernet signal pair (1000BASE-T)
8	
Shield	Chassis ground

The following table describes the RJ-45 pin signals for the power injector output connector (To AP).

Table 4: Power Injector AIR-PWRINJ-60RGD1= and AIR-PWRINJ-60RGD2= Output Connector (To AP) Pinouts

Pin Number	Signal Name
1	Ethernet signal pair (10/100/1000BASE-T) and 55 VDC return
2	
3	Ethernet signal pair (10/100/1000BASE-T) and 55 VDC (+)
6	
4	Ethernet signal pair (1000BASE-T) and 55 VDC (+)
5	
7	Ethernet signal pair (1000BASE-T) and 55 VDC return
8	
Shield	Chassis ground



Note The power injector output connector (To AP) only supplies 55 VDC power when the Ethernet cable is connected to the IW6300 PoE IN connector.
