

Network Connections

While there are a number of optional networking products available for IRIS systems, this section will cover the three included with the systems - Ethernet AUI connection, ethernet 10Base-T connection, and ISDN. The table below shows the systems that include these three interfaces as part of the base system.

System	Ethernet		ISDN
	AUI	10Base-T	
Twin Tower	X		
Single Tower (Diehard, Diehard2, Eveready)	X		
Rack (Predator & Terminator)	X		
Personal IRIS	X		
Indigo	X		
Indigo ²	X	X	
Indy	X	X	X

Table 75 Network Connections on IRIS systems

Ethernet AUI Connection

This is the most common ethernet connection found on IRIS systems. It typically connects to some kind of transceiver box. This transceiver box could connect the system to a “thick ethernet” type of network, a “thin net” (i.e. coax) network, or a twisted pair network.

Connector Drawing

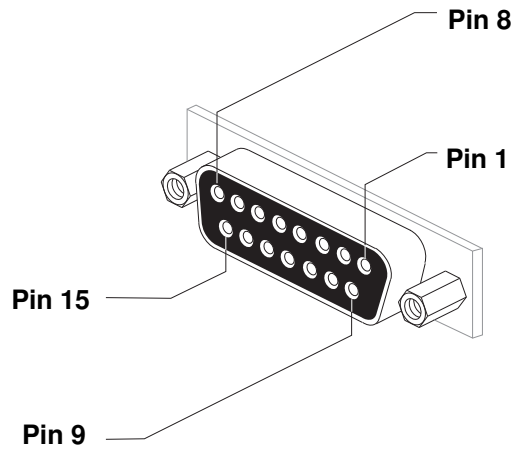


Figure 52 Ethernet AUI Connector

Pinout

Pin	Signal Name	Pin	Signal Name
1	GND	9	COLLISION-
2	COLLISION+	10	TRANSMIT-
3	TRANSMIT+	11	GROUND
4	GROUND	12	RECEIVE-
5	RECEIVE+	13	+12V
6	GROUND	14	GROUND
7	(Reserved)	15	(Reserved)
8	GROUND		

Table 76 Ethernet AUI Connector Pinout

Ethernet 10Base-T Connection

This connection can be used instead of the ethernet AUI style connection. It cannot be used at the same time as the other ethernet connection.

Connector Drawing

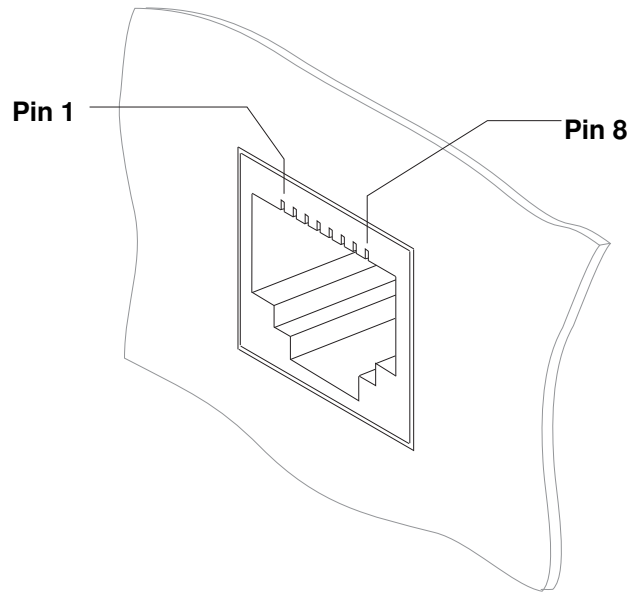


Figure 53 10-Base T Connector

Pinout

Pin	Signal Name	Pin	Signal Name
1	TRANSMIT+	5	(Reserved)
2	TRANSMIT-	6	RECEIVE-
3	RECEIVE+	7	(Reserved)
4	(Reserved)	8	(Reserved)

Table 77 Ethernet 10Base-T Connector Pinout

ISDN Connection

Connector Drawing

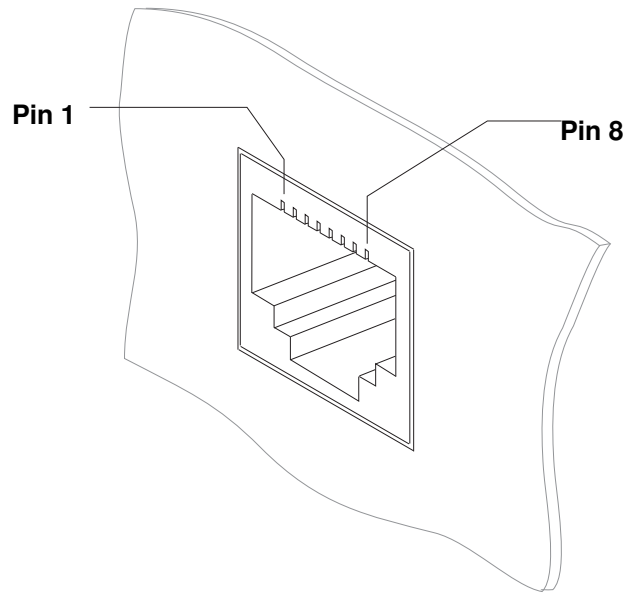


Figure 54 ISDN Connector

Pinout

Pin	Signal Name	Pin	Signal Name
1	(Reserved)	5	RECEIVE-
2	(Reserved)	6	TRANSMIT-
3	TRANSMIT+	7	(Reserved)
4	RECEIVE+	8	(Reserved)

Table 78 Ethernet 10Base-T Connector Pinout