



# CHAPTER 8

## Cable Connections and Pin-outs

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This section describes the following topics:

- [Unit RS-232 9-Pin Serial Port, page 8-1](#)
- [RJ-45 8-Pin IP Network Port, page 8-1](#)
- [RJ-45 Serial Port Adapter Cable, page 8-2](#)
- [ISDN Port, page 8-2](#)

### Unit RS-232 9-Pin Serial Port

[Table 8-1](#) describes the Cisco Unified Videoconferencing 3500 Gateway unit RS-232 9-pin D-type serial port pin-out configuration.

**Table 8-1** *RS-232 9-pin D-Type Serial Port Pin-out*

Pin	Function	I/O
1	NC	
2	RXD	Input
3	TXD	Output
4	NC	
5	GND	
6	NC	
7	NC	
8	NC	
9	NC	

### RJ-45 8-Pin IP Network Port

[Table 8-2](#) describes the pin-out configuration of the RJ-45 IP network port.

**Table 8-2** *Pin-out Configuration of the RJ-45 IP Network Port*

Pin	Function	I/O
1	TXD+	Output
2	TXD+	Output
3	RXD+	Input
4	NC	
5	NC	
6	RXD-	Input
7	NC	
8	NC	

## RJ-45 Serial Port Adapter Cable

Table 8-3 describes the pin-to-pin configuration of the RJ-45 to DB-9 adapter cable used to connect a PC terminal to the RJ-45 serial port. This cable is provided with the Cisco Unified Videoconferencing 3500 Gateway unit.

**Table 8-3** *Pin-to-Pin Configuration of the RJ-45 to DB-9 Adapter Cable*

RJ-45 (Male)	DB-9 (Female)	Function
1	NC	
2	NC	
3	3	TXD
4	NC	
5	5	GND
6	2	RXD
7	NC	
8	NC	

## ISDN Port

Table 8-4 describes the ISDN port RJ-45 connector pin-out configuration.

**Table 8-4** *ISDN Port RJ-45 Connector Pin-out*

Pin	Function
1	RXD +
2	RXD -
3	NC
4	TXD +

**Table 8-4** *ISDN Port RJ-45 Connector Pin-out*

<b>Pin</b>	<b>Function</b>
5	TXD -
6	NC
7	NC
8	NC

