Serial Connections for PTZ-12G+

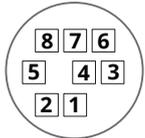## RS-232 Serial Connections

RS-232 IN — Pin Assignments
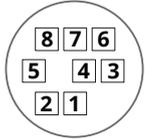
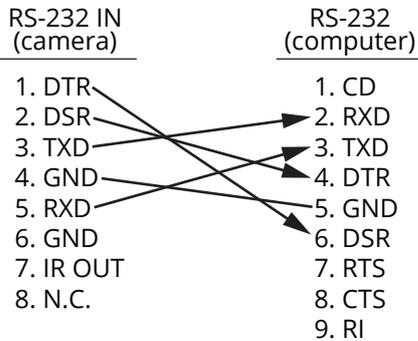| NO	Pins	Signal
1	DTR	Data Transmission Read
2	DSR	Data Set Read
3	TXD	Transmit Data
4	GND	Ground
5	RXD	Receive Data
6	GND	Ground
7	IR OUT	IR Commander Signal
8	N.C.	No connection

RS-232 OUT — Pin Assignments

NO	Pins	Signal
1	DTR	Data Transmission Read
2	DSR	Data Set Read
3	TXD	Transmit Data
4	GND	Ground
5	RXD	Receive Data
6	GND	Ground
7	OPEN	Reserved
8	OPEN	Reserved

RS-232 — Connecting Camera to Computer

RS-232 IN (camera)
1. DTR
2. DSR
3. TXD
4. GND
5. RXD
6. GND
7. IR OUT
8. N.C.

RS-232 (computer)
1. CD
2. RXD
3. TXD
4. DTR
5. GND
6. DSR
7. RTS
8. CTS
9. RI

RS-232 — Cascading Camera Connections (daisy-chaining up to seven cameras)

RS-232 IN (next camera)
1. DTR
2. DSR
3. TXD
4. GND
5. RXD
6. GND
7. IR OUT
8. N.C.

RS-232 (previous camera)
1. DTR
2. DSR
3. TXD
4. GND
5. RXD
6. GND
7. OPEN
8. OPEN
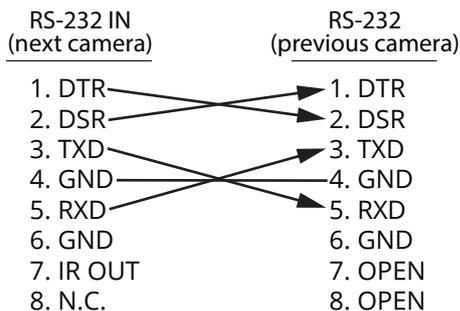
RS-422 Serial Connections

RS-422 Connector — Pin Assignments

RS-422 Connector (on camera)
1 2 3 4 5 6 7 8 9
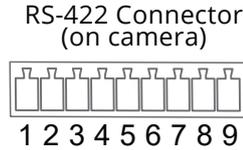
Pin	Function
1	RXD OUT -
2	RDX OUT +
3	TDX OUT -
4	TDX OUT +
5	GND
6	RDX IN -
7	RDX IN +
8	TDX IN -
9	TDX IN +

RS-422 — Cascading Camera Connections (daisy-chaining up to seven cameras)

Third Camera

1	RXD OUT -
2	RDX OUT +
3	TDX OUT -
4	TDX OUT +
5	GND
6	RDX IN -
7	RDX IN +
8	TDX IN -
9	TDX IN +

Second Camera

1	RXD OUT -
2	RDX OUT +
3	TDX OUT -
4	TDX OUT +
5	GND
6	RDX IN -
7	RDX IN +
8	TDX IN -
9	TDX IN +

Camera Controller

1	N.C.
2	N.C.
3	N.C.
4	N.C.
5	GND
6	RDX IN -
7	RDX IN +
8	TDX IN -
9	TDX IN +

First Camera

1	RXD OUT -
2	RDX OUT +
3	TDX OUT -
4	TDX OUT +
5	GND
6	RDX IN -
7	RDX IN +
8	TDX IN -
9	TDX IN +

1