

Application Note



VIP-CAM 100 Series

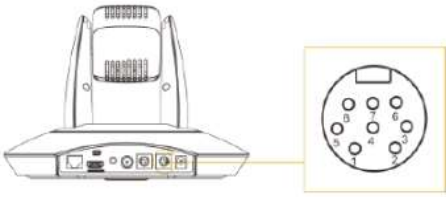
RS232 wiring

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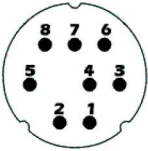
VIP-CAM-100

The VIP-CAM-100 uses an 8-pin mini din female connector for incoming RS232 control, and loop out.

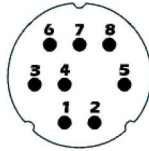


- Pin 3: TX (To controller)
- Pin 4: GND
- Pin 5: RX (From controller)
-

8 pin mini-DIN



Female



Male

Information is provided below on using various cables with the camera. Please note when daisy chaining cameras, you must use an 8-pin mini din M to 8-pin mini din M that is wired for crossover (pin 3 to 5, and pin 5 to 3).

8 ft. 8 pin mini din M to DB9 F RS232 cable supplied with VIP-CAM-100
DB9-F to Mini Din 8 Male

White – DB9 pin 2 (RXD) > mini din pin 3

Red – DB9 pin 3 (TXD) > mini din pin 5

Black – DB9 pin 5 (GND) > mini din pin 4



When using the PureLink VIP-CAM-CTRL1 controller with the VIP-CAM-100 cameras, the DB9 connector on this cable will need to be removed, as the controller uses a terminal block as shown below.

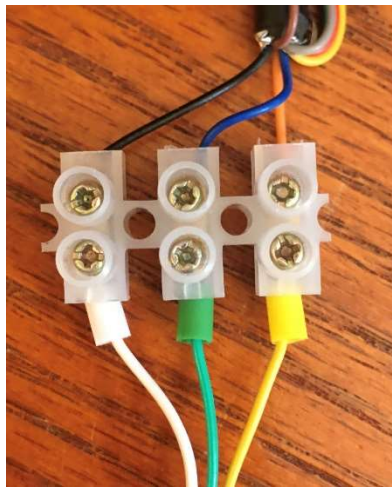


The image above is specific for the wiring codes of the supplied cable.

20-meter 8 pin mini din M to pigtail RS232 cable wiring for VIP-CAM-100
PI-RS232-200P

- | | | |
|--------|------------------|------------------|
| Blue | (controller RXD) | > mini din pin 3 |
| Orange | (controller TXD) | > mini din pin 5 |
| Black | (controller GND) | > mini din pin 4 |

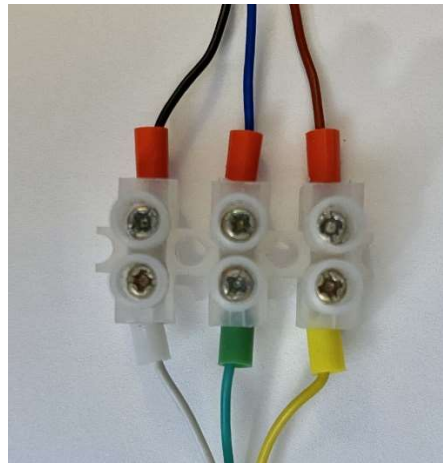
Wiring below is shown with PureLink VIP-CAM-CTRL1 terminal block. Wiring on bottom of image is from controller.



30- and 40-meter 8 pin mini din M to pigtail RS232 cable wiring for VIP-CAM-100
PI-RS232-300P and PI-RS232-400P

Blue	(controller RXD)	> mini din pin 3
Brown	(controller TXD)	> mini din pin 5
Black	(controller GND)	> mini din pin 4

Wiring below is shown with PureLink VIP-CAM-CTRL1 terminal block. Wiring on bottom of image is from controller.



20-meter 30-meter 40-meter 8 pin mini din M to 8 pin mini din M RS232 daisy chain crossover cable wiring for VIP-CAM-100

PI-RS232-200X

This cable is only for wiring from one VIP-CAM-100 camera to another in daisy chain fashion using the loop out of the first camera.

BS-6000 Production Switcher: 9 pin Dsub adapter wiring

Ground pins:

Pin 1

Pin 4

Pin 6

Pin 9

Do NOT use terminal marked GND

TX to camera

Pin 2

Because the BS-6000 does not process return strings, it is not necessary to wire the RX connection.



VIP-CAM-CTRL1 RS232 connections - reference

The VIP-CAM-CTRL1 provides a connector header for the RS232 wiring.

- GND WHITE
- TX YELLOW (sent to camera)
- RX GREEN (received from camera)

