

PT HMI Series - Serial Ports Pin Definitions.

Below are the Pin Definitions for the Serial Ports of the PT series HMI models from OPT. If your HMI has a PLC IO module installed, then there will be no Port #2 only # 1 & #3 which are both available via the DB9 connector.

Port 1 can be used as RS232, RS422 or RS485

Port 2 can be used as RS232 or RS485

Port 3 can be used as RS232

(Note: Ports 1, 2, & 3 can be used simultaneously and each can support a separate and unique device driver. Device drivers are set up as Links in the PM Designer software.)

COM1: RS232/422/485

Pin1 COM1 RS422 Tx+ & RS485 Tx+/Rx+

Pin2 COM1 RS232Rx

Pin3 COM1 RS232Tx

Pin4 COM1 RS422Rx+

Pin5 GND

Pin6 COM1 RS422 Tx- & RS485 Tx-/Rx-

Pin7 COM3 RS232Tx

Pin8 COM3 RS232Rx

Pin9 COM1 RS422Rx-

COM2 Pin Definition

RS232+RS485

From Left (Pin1) to Right (Pin6)

Pin1 VCC5V

Pin2 232Rx

Pin3 232Tx

Pin4 485Tx/Rx-

Pin5 485Tx/Rx+

Pin6 GND

For any questions contact Tech Support – ts@offpeak-solutions.com

OffPeak Technologies LLC

530 Stonewood Road

York, PA 17402 USA