

Marshall Electronics

VS-TKC-100

PTZ Controller



Provisional Instructions for Setting up the VS-TKC-100 using RS-485

- 1.0 Connect the Camera(s) to the VS-TKC-100 using a pair of wires connecting the Green Phoenix Connector on the VS-TKC-100 using Tx3 (or Tx1/Tx2) + and – to the same marked wires on the Camera on the Wire Tails. You may connect the Camera(s) to the PTZ Controller using either a Star (Home Run) or Daisy Chain arrangement.
- 2.0 Up to 32 Cameras can be connected.

With a Camera connected to a Host Computer go to internet Explorer and look at the Serial Page, the RS-485 is a Read Only Page and any adjustments have to be made by Dip Switches in the Camera, please see the Instruction Book for your Camera for information on the location and setting the Dip Switches represent. If you are testing One Camera you do not need to make any adjustments. For Multiple Cameras we recommend that you leave the Default Protocol in place but you will need to set each Camera to have its own unique ID. Each Camera in a Multiple Camera installation needs its own Unique Camera ID.

The screenshot shows the 'Setup' interface of the VS-TKC-100 PTZ Controller. The 'Serial' tab is selected, showing configuration options for the COM2 (RS-485 Port). The settings are as follows:

Section	Parameter	Value
COM2 (RS-485 Port)	Protocol	RS-485
	Bitrate	2400bps
	Data Bit	8Bits
	Parity	None
	Stop Bit	1Bits
PTZ	PTZ Type	Pelco-D
	PTZ ID	1
	PTZ Port	COM2

An 'Apply' button is located in the top right corner of the Serial configuration section.

Depending on the Firmware Version and Camera Model this screen may look a little different.

- 3.0 Set the VS-TKC-100 to the same Protocol as the Camera as shown in example above using the Figures that your Camera was set up with. To set up the VS-TKC-100 go to the main PTZ Controller Manual to Section 9 “Set Up “PTX SETUP” on the TKC-100”.

- 4.0 To Select a Camera Press the Number Key and Enter for example Camera 1 would be: "1 then Enter".
- 5.0 To Set a Preset, Pan Tilt and Zoom the Camera to the chosen Location. Press the Number Key 2 + F1 for 2 Seconds you will hear a beep indicating your selection has been saved. You can save up to 128 Presets per Camera.
- 6.0 To Recall a Preset, Select the Camera (See 5.0), Press the Number Key 2 + F1 for a moment your Camera will go to the Preset Position. Do not hold down the Number Key to long as this will Save the Current location as that Preset (See 6.0).



Numeric Keypad "F1 Key"

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