VDO360

GENERAL INFORMATION

SIMPL WINDOWS NAME	VDO360 Compass VPTZH-02 v1.0.smw
CATEGORY	Camera
VERSION	1.0
SUMMARY	Controls the VDO360 Compass VPTZH-02 via RS-232.
GENERAL NOTES	This module controls pan, tilt and zoom functions and supplies twenty-five camera presets. Pan and tilt speeds are proportional to the lens zoom position and will slow as the lens is zoomed in.
CRESTRON HARDWARE REQUIRED:	Series 2 or Series 3 processors
COMMUNICATION SETUP	9600 Baud, No Parity, 8 Data Bits, 1 Stop Bit
VENDOR FIRMWARE	None

CABLE DIAGRAM
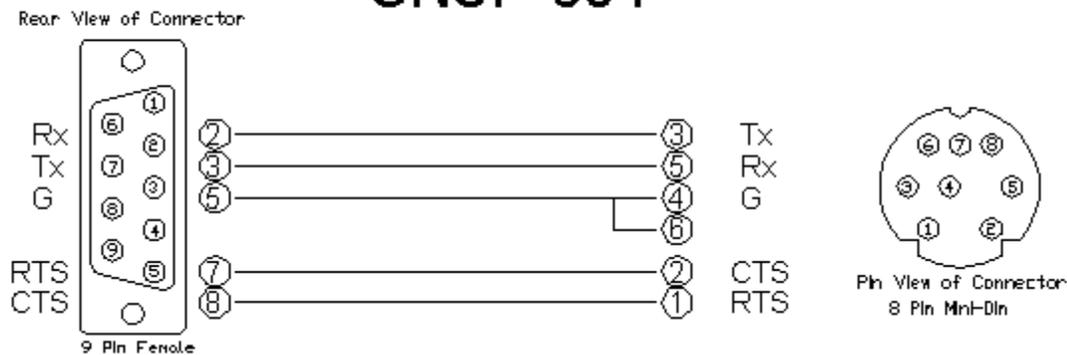
CONTROL

Tilt_Up/Down	D	Press and hold to tilt the camera.
Pan_Left/Right	D	Press and hold to pan the camera.
Zoom_In/Out	D	Press and hold to zoom the camera.
Focus_Near/Far	D	Press and hold to focus the camera. This will adjust the focus the camera. Note: camera is always in auto-focus mode. Any change of the zoom position will cause the lens to refocus.
Home	D	Pulse to send the camera to the home position

Default_Speed	D	Pulse to set default pan and tilt speeds
Speed_Up	D	Press and hold to increase pan and tilt speeds
Speed_Down	D	Press and hold to decrease pan and tilt speeds
Preset _[1 – 25]	D	Press to select preset
Preset_Save	D	Press to activate Save function. Press desired preset number to store selection.
From_Device	S	Serial signal to be routed to RX of serial com port

FEEDBACK

Speed	A	Analog value of camera speed 0% to 100%
Preset_ FB	D	Feedback of selected preset
To_Device$	S	Serial signal to be routed to TX serial com port.

TESTING

OPS Used For Testing	MC3: 1.010.0053 CP2E: 4.007.0004
Compiler Used For Testing	SIMPL Windows 3.03
Sample Program	VDO360_Compass VPTZH-02 Demo
Revision History	V. 1.0 – Original Release