

Partner: Sony
 Model: FWD-S42H1
 Device Type: LCD Monitor



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sony FWD-S42H1 IP v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides controls for the Sony FWD-S42H1 display via IP.
GENERAL NOTES:	<p>This module provides control for the Sony FWD-S42H1 displays. It also provides true feedback.</p> <p>NOTE: The display does not allow you to view the video and s-video inputs on the same option card at the same time. If you have the PIP or the P&P active, you can only view the video input OR the s-video input on one option card. In order to view video and s-video at the same time, you would need to have two Video/S-Video option cards installed.</p> <p>This module was tested with the FWD-S42H1. Sony uses the same protocol on most of their displays. This module should also work on the following model:</p> <ul style="list-style-type: none"> FWD-S47H1
CRESTRON HARDWARE REQUIRED:	C2NENET-1, C2NENET-2, 3-Series
SETUP OF CRESTRON HARDWARE:	TCP/IP Port 53484d.
VENDOR FIRMWARE:	1.16
VENDOR SETUP:	The network port must be enabled on the Sony unit. Do this by entering the on screen menu and selecting the following: Setup->Advanced Setup->Network Port. Set this to "Display".
CABLE DIAGRAM:	N/A

CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn unit power on or off.
Input_*	D	Pulse to select desired input.
Color_System_NTSC	D	Pulse to select color system.
Power_Save_Mode_*	D	Pulse to select desired power save mode.

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Auto_Power_Off_Mode_<On/Off/Toggle>	D	Pulse to turn auto power mode on or off.
PIP_Mode_Picture_&_Picture	D	Pulse to turn picture and picture mode on.
PIP_Mode_Picture_In_Picture	D	Pulse to turn picture in picture mode on.
PIP_Mode_Off	D	Pulse to turn picture and picture or picture in picture off.
PIP_Swap	D	Pulse to swap the inputs for the two display windows.
Active_Picture_Left/Main	D	Pulse to select the left or main picture as the currently active picture.
Active_Picture_Right/Sub	D	Pulse to select the right or sub picture as the currently active picture.
Active_Picture_Toggle	D	Pulse Toggle the currently active picture.
PIP_Sub_Picture_Large	D	Pulse to set the PIP picture to large size.
PIP_Sub_Picture_Small	D	Pulse to set the PIP picture to small size.
PIP_Sub_Picture_Position_<1/2/3/4>	D	Pulse to change the PIP sub picture position.
Contrast_<Up/Down>	D	Press to adjust the contrast.
Brightness_<Up/Down>	D	Press to adjust the brightness.
Volume_<Up/Down>	D	Press to adjust the volume.
Volume_Mute_<On/Off/Toggle>	D	Pulse to turn volume mute on or off.
Speaker_<On/Off/Toggle>	D	Pulse to turn speaker on or off.
Picture_Mode_*	D	Pulse to select the desired picture mode.
Poll_Enable	D	Latch high to enable polling.
{{TCP/IP_Client_>>_Connect-F}}	D	To be connected to the "Connect_F" input on the TCP/IP client definition.
{{TCP/IP_Client_>>_status}}	A	To be connected to the "status" input on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TCP/IP_Client_>>_RX\$}}	S	To be connected to the "RX\$" output on the TCP/IP client definition that will be communicating with the unit being controlled.

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FEEDBACK:

Power_Is_<On/Off>	D	Indicates the unit current power status.
Input_Is_*	D	Indicates the current input selected.
Color_System_Is_*	D	Indicates the current color system.
Power_Save_Mode_Is_ECO_High	D	Indicates that the current power save mode is ECO high.
Power_Save_Mode_Is_ECO_Low	D	Indicates that the current power save mode is ECO low.
Power_Save_Mode_Is_Off	D	Indicates that the current power save mode is off.
Auto_Power_Off_Mode_Is_<On/Off>	D	Indicates the auto power off mode status.
PIP_Mode_Is_Picture_& Picture	D	Indicates that PIP mode is set to picture and picture.
PIP_Mode_Is_Picture_In_Picture	D	Indicates that PIP mode is set to picture in picture.
PIP_Mode_Is_Off	D	Indicates that the PIP mode is off.
Active_Picture_Is_Left/Main	D	Indicates that the active picture is left or main in PIP mode.
Active_Picture_Is_Right/Sub	D	Indicates that the active picture is right or main in PIP mode.
PIP_Sub_Picture_Is_Large	D	Indicates that the PIP sub picture is large.
PIP_Sub_Picture_Is_Small	D	Indicates that the PIP sub picture is small.
PIP_Sub_Picture_Position_Is_<1/2/3/4>	D	Indicates the PIP sub picture position.
Contrast_Gauge	A	Analog value indicating the current contrast level for gauge.
Brightness_Gauge	A	Analog value indicating the current brightness level for gauge.
Volume_Gauge	A	Analog value indicating the current volume level for gauge.
Volume_Mute_Is_<On/Off>	D	Indicates current volume mute status.
Speaker_Is_<On/Off>	D	Indicates current speaker status.
Picture_Mode_Is_*	D	Indicates current picture mode.
Connected	D	High to indicate that there is an IP connection to the unit.
Connection_Status_Text	S	Indicates the current IP connection status to the unit.

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{{Connect_>>_TCP/IP_Client}}	D	To be connected to the "Connect" output on the TCP/IP client definition that will be communicating with the unit being controlled.
{{TX\$_>>_TCP/IP_Client}}	S	To be connected to the "TX\$" input on the TCP/IP client definition that will be communicating with the unit being controlled.

PARAMETERS:

Community	P	Must match community name set in Sony device.
Port_Number	P	Port Number for TCP/IP connection. Used in System Builder only.

TESTING:

OPS USED FOR TESTING:	4.003.0015
SIMPL WINDOWS USED FOR TESTING:	3.02.04
DEVICE DB USED FOR TESTING:	35.05.004.00
CRES DB USED FOR TESTING:	27.00.010.00
SYMBOL LIBRARY USED FOR TESTING:	741
SAMPLE PROGRAM:	Sony FWD-S42H1 IP v1.0 Demo PRO2.smw
REVISION HISTORY:	v1.0 – Initial Release