

Partner: N/A**Model: N/A****Device Type: Software****GENERAL INFORMATION**

SIMPLWINDOWS NAME:	Capture_HD_PRO_Interface
CATEGORY:	
VERSION:	1.8
SUMMARY:	This module is designed to control the Crestron Capture-HD hardware device using a TPMC-4SM touch panel.
GENERAL NOTES:	<p>This module contains a Virtual GUI interface, which provides a simple way to connect all of the module signals to the user interface. Simply "right-click-and-hold" the module, drag the folder to the touch panel symbol and release the mouse. Select "Import Virtual UI Data".</p> <p>This module also contains Virtual Device connection logic, which provides a simple way to connect all of the module signals to the Capture-HD symbol as well as the symbol extenders. Simply "right-click-and-hold" the module, drag the folder to the Capture-HD symbol and release the mouse. Select "Import Device Logic".</p> <p>This module also requires a device extender to manually be added to the TPMC-4SM. The device extender is needed so that the module can control the state of the 4SM LEDS. The required extender is: "TPMC-4SM System3 Reserved Joins".</p>
CRESTRON HARDWARE REQUIRED:	
SETUP OF CRESTRON HARDWARE:	
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	None

INPUTS:

Page_Device_Offline_F	D	Connect to 4SM page Offline feedback join.
Page_Alert_F	D	Connect to 4SM page Alert feedback join.
Page_Start_F	D	Connect to 4SM page Start feedback join.
Page_Preparing_Mic_F	D	Connect to 4SM page Preparing_Mic feedback join.

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Page_Preparing_Preview_F	D	Connect to 4SM page Preparing_Preview press join.
Page_Preparing_Layout_F	D	Connect to 4SM page Preparing_Layout press join.
Page_Preparing_Camera_F	D	Connect to 4SM page Preparing_Camera press join.
Page_Preparing_To_Record_F	D	Connect to 4SM page Preparing_To_Record press join.
Page_Record_F	D	Connect to 4SM page Record press join.
Page_Record_End_Confirmation_F	D	Connect to 4SM page Record_End_Confirmation press join.
Page_Record_Wrapup_F	D	Connect to 4SM page Record_Wrapup press join.
Page_Keyboard_F	D	Connect to 4SM page Keyboard press join.
Page_Keypad_F	D	Connect to 4SM page Keypad press join.
Start_No_Sched	D	Connect to 4SM Start No Schedule button. Pressing button starts the recording setup process, when there is no meeting.
Start_Current_Meeting	D	Connect to 4SM Start With Schedule button. Pressing button starts the recording setup process using meeting details.
Start_As_Guest	D	Connect to 4SM Start As Guest button. Pressing button starts the recording setup process as a guest, ignoring any scheduled meeting.
Preparing_Mic_Speech_Louder	D	Connect to 4SM Louder button on Preparing_Mic page. Pressing button will raise the speech volume +3dB.
Preparing_Mic_Speech_Softer	D	Connect to 4SM Softer button on Preparing_Mic page. Pressing button will lower the speech volume -3dB.
Preparing_Mic_More_Button	D	Connect to 4SM Preparing_Mic More button. Pressing button will advance the menu to the Preparing_Layout page.
Preparing_Mic_Next_Button	D	Connect to 4SM Preparing_Mic Next button. Pressing button will advance the menu to the Preparing_Preview page.
Preparing_Layout_Select_nnnn	D	Connect to corresponding Preparing_Layout selection button. Pressing button will recall recording layout.
Preparing_Layout_Select_PIP	D	Connect to Preparing_Layout PIP button. Pressing button will open the PIP select subpage.

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Preparing_Layout_Select_PIP_Close	D	Connect to 4SM Preparing_Layout_PIP_Close button. Pressing button will close the PIP select subpage.
Record	D	Connect to 4SM Start_Recording button. Pressing button will start the recording process.
Pause	D	Connect to 4SM Record page Pause button. Pressing button will toggle the recording pause mode.
Stop	D	Connect to 4SM Record_Confirmation page Yes button. Pressing button will stop the recording process.
Bookmark	D	Connect to 4SM Record page Bookmark button. Pressing button will add a bookmark to the recording.
Mute	D	Connect to 4SM Record page Mute button. Pressing button will toggle the record audio mute state.
Record_Wrapup_OK	D	Connect to 4SM Record_Wrapup subpage OK button. Pressing button will close the subpage and return to the Start page.
Password_[key]	D	Connect to 4SM Password page buttons.
Keyboard_[key]	D	Connect to 4SM Keyboard page buttons.
Keypad_[key]	D	Connect to 4SM Keypad page buttons.
Page_Config_Main_F	D	Connect to 4SM page Config_Main feedback join.
Page_Config_Audio_Speech_F	D	Connect to 4SM page Config_Audio_Speech feedback join.
Page_Config_Audio_Content_F	D	Connect to 4SM page Config_Audio_Content feedback join.
Page_Config_Audio_Camera_F	D	Connect to 4SM page Config_Audio_Camera feedback join.
Page_Config_Admin_Password_F	D	Connect to 4SM page Config_Admin_Password feedback join.
Audio_Speech_Treble_Up	D	Connect to 4SM Config_Audio_Speech page Treble_Up button. Pressing button will raise the speech treble level +1dB.
Audio_Speech_Treble_Down	D	Connect to 4SM Config_Audio_Speech page Treble_Down button. Pressing button will lower the speech treble level -1dB.
Audio_Speech_Bass_Up	D	Connect to 4SM Config_Audio_Speech page Bass_Up button. Pressing button will raise the speech bass level +1dB.

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Audio_Speech_Bass_Down	D	Connect to 4SM Config_Audio_Speech page Bass_Down button. Pressing button will lower the speech bass level -1dB.
Audio_Speech_Mix_Up	D	Connect to 4SM Config_Audio_Speech page Mix_Up button. Pressing button will raise the speech mix level +1dB.
Audio_Speech_Mix_Down	D	Connect to 4SM Config_Audio_Speech page Mix_Down button. Pressing button will lower the speech mix level -1dB.
Audio_Speech_Input_Compensation_Up	D	Connect to 4SM Config_Audio_Speech page Input_Compensation_Up button. Pressing button will raise the speech input compensation level +1dB.
Audio_Speech_Input_Compensation_Down	D	Connect to 4SM Config_Audio_Speech page Input_Compensation_Down button. Pressing button will lower the speech input compensation level -1dB.
Audio_Content_Treble_Up	D	Connect to 4SM Config_Audio_Content page Treble_Up button. Pressing button will raise the content treble level +1dB.
Audio_Content_Treble_Down	D	Connect to 4SM Config_Audio_Content page Treble_Down button. Pressing button will lower the content treble level -1dB.
Audio_Content_Bass_Up	D	Connect to 4SM Config_Audio_Content page Bass_Up button. Pressing button will raise the content bass level +1dB.
Audio_Content_Bass_Down	D	Connect to 4SM Config_Audio_Content page Bass_Down button. Pressing button will lower the content bass level -1dB.
Audio_Content_Mix_Up	D	Connect to 4SM Config_Audio_Content page Mix_Up button. Pressing button will raise the content mix level +1dB.
Audio_Content_Mix_Down	D	Connect to 4SM Config_Audio_Content page Mix_Down button. Pressing button will lower the content mix level -1dB.
Audio_Content_Input_Compensation_Up	D	Connect to 4SM Config_Audio_Content page Input_Compensation_Up button. Pressing button will raise the content input compensation level +1dB.
Audio_Content_Input_Compensation_Down	D	Connect to 4SM Config_Audio_Content page Input_Compensation_Down button. Pressing button will lower the content input compensation level -1dB.
Audio_Content_Input_Auto	D	Connect to 4SM Config_Audio_Select page Auto button. Pressing button will set the content audio to automatically select the input with a detected audio signal. Note: This button was removed from the demo program.
Audio_Content_Input_HDMI	D	Connect to 4SM Config_Audio_Select page HDMI button. Pressing button will set the Capture-HD content audio input

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		to HDMI.
Audio_Content_Input_Analog_Unbalanced	D	Connect to 4SM Config_Audio_Select page Unbalanced button. Pressing button will set the Capture-HD content audio input to Unbalanced Analog.
Audio_Content_Input_Analog_Balanced	D	Connect to 4SM Config_Audio_Select page Balanced button. Pressing button will set the Capture-HD content audio input to Balanced Analog.
Video_Camera_Input_Auto	D	Connect to 4SM Config_Video_Camera page Input_Auto button. Pressing button will set the camera input to automatically use the input with a detected video signal.
Video_Camera_Input_SDI	D	Connect to 4SM Config_Video_Camera page Input_SDI button. Pressing button will use the SDI video input for the camera.
Video_Camera_Input_Composite	D	Connect to 4SM Config_Video_Camera page Input_Composite button. Pressing button will use the Composite video input for the camera.
Video_Camera_PIP_Small	D	Connect to 4SM Config_Video_Camera page PIP_Small button. Pressing button will set the PIP size to small.
Video_Camera_PIP_Medium	D	Connect to 4SM Config_Video_Camera page PIP_Medium button. Pressing button will set the PIP size to medium.
Video_Camera_PIP_Large	D	Connect to 4SM Config_Video_Camera page PIP_Large button. Pressing button will set the PIP size to large.
Default_Layout_Select_nnnn	D	Connect to 4SM Config_Video_Camera page Default_Layout_nnnn button. Pressing button will set the default recording layout.
Video_Content_Input_Auto	D	Connect to 4SM Config_Video_Content page Input_Auto button. Pressing button will set the content input to automatically use the input with a detected video signal. Note: This button was removed from the demo program.
Video_Content_Input_HDMI	D	Connect to 4SM Config_Video_Content page Input_HDMI button. Pressing button will use the HDMI input for content video.
Video_Content_Input_VGA	D	Connect to 4SM Config_Video_Content page Input_VGA button. Pressing button will use the VGA input for content video.
Video_Record_Format_720p60	D	Connect to 4SM Config_Video_Record page Format_720p60 button. Pressing button will set the record format to 720p60.
Video_Record_Format_1080p24	D	Connect to 4SM Config_Video_Record page Format_1080p24 button. Pressing button will set the record

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		format to 1080p24.
Video_Record_Format_720p30	D	Connect to 4SM Config_Video_Record page Format_720p30 button. Pressing button will set the record format to 720p30.
Video_Record_Format_720p24	D	Connect to 4SM Config_Video_Record page Format_720p24 button. Pressing button will set the record format to 720p24.
Video_Record_Bitrate_Up	D	Connect to 4SM Config_Video_Record page Bitrate_Up button. Pressing button will increase the bitrate.
Video_Record_Bitrate_Down	D	Connect to 4SM Config_Video_Record page Bitrate_Down button. Pressing button will lower the bitrate.
Network_Use_Scheduling_System	D	Connect to 4SM Config_Network_Schedule page Use_Scheduling_System button. Pressing button will toggle between using enabling or disabling using the scheduling system for capture meta data.
Storage_Default_MMC	D	Connect to 4SM Config_Control_Storage page MMC button. Pressing button will use the MMC card as the default storage location.
Storage_Default_USB_Front	D	Connect to 4SM Config_Control_Storage page USB_Front button. Pressing button will use the Front USB connection as the default storage location.
Storage_Default_USB_Rear	D	Connect to 4SM Config_Control_Storage page USB_Rear button. Pressing button will use the Rear USB connection as the default storage location.
Upload_Edit_Path	D	Connect to 4SM Config_Control_Upload page Edit upload path button. Pressing button will open keyboard page and allow editing of the upload path.
Upload_Edit_Username	D	Connect to 4SM Config_Control_Username page Edit username button. Pressing button will open keyboard page and allow editing of the username required for upload login.
Upload_Edit_Password	D	Connect to 4SM Config_Control_Username page Edit password button. Pressing button will open keyboard page and allow editing of the password required for upload login.
Camera_Type_None	D	Connect to 4SM Config_Control_Camera page No_Camera button. Pressing button sets camera type to none.
Camera_Type_Generic	D	Connect to 4SM Config_Control_Camera page Generic_MJPEG button. Pressing button sets camera type to generic MJPEG.
Camera_Type_Crestron_1	D	Connect to 4SM Config_Control_Camera page Crestron IPTZ-100 button. Pressing button sets camera type to Crestron IPTZ-100. This will automatically fill in some of the

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		MJPEG parameters.
Camera_Type_Crestron_2	D	Connect to 4SM Config_Control_Camera page Crestron IFB-100 button. Pressing button sets camera type to Crestron IFB-100. This will automatically fill in some of the MJPEG parameters.
Upload_Edit_Hostname	D	Connect to 4SM Config_Control_Camera page Edit hostname button. Pressing button will open keyboard page and allow editing of the camera hostname/ip address.
Upload_Edit_MJPEG_Path	D	Connect to 4SM Config_Control_Camera page Edit MJPEG path button. Pressing button will open keyboard page and allow editing of the camera MJPEG path.
Upload_Edit_MJPEG_Port	D	Connect to 4SM Config_Control_Camera page Edit MJPEG port button. Pressing button will open keypad page and allow editing of the camera MJPEG port.
{{Capture-HD-PRO_>>_Record_F}}	D	Connect to Capture-HD-Pro symbol Record_F output.
{{Capture-HD-PRO_>>_Pause_F}}	D	Connect to Capture-HD-Pro symbol Pause_F output.
{{Capture-HD-PRO_>>_Stop_F}}	D	Connect to Capture-HD-Pro symbol Stop_F output.
{{Capture-HD-PRO_>>_Bookmark_F}}	D	Connect to Capture-HD-Pro symbol Bookmark_F output.
{{Capture-HD-PRO_>>_Mute_F}}	D	Connect to Capture-HD-Pro symbol Mute_F output.
{{Capture-HD-PRO_>>_DisVUFB_F}}	D	Connect to Capture-HD-Pro symbol DisVUFB_F output.
{{Capture-HD-PRO_>>_DisElapsedSec_F}}	D	Connect to Capture-HD-Pro symbol DisElapsedSec_F output.
{{Capture-HD-PRO_>>_RecordMode_F}}	D	Connect to Capture-HD-Pro symbol RecordMode_F output.
{{Capture-HD-PRO_>>_Volume_F}}	A	Connect to Capture-HD-Pro symbol Volume_F output.
{{Capture-HD-PRO_>>_Bass_F}}	A	Connect to Capture-HD-Pro symbol Bass_F output.
{{Capture-HD-PRO_>>_Treble_F}}	A	Connect to Capture-HD-Pro symbol Treble_F output.
{{Capture-HD-PRO_>>_ElapsedSec_F}}	A	Connect to Capture-HD-Pro symbol ElapsedSec_F output.
{{Capture-HD-PRO_>>_Upload_In_Progress_F}}	D	Connect to Capture-HD-Pro symbol Upload_In_Progress_F output.
{{Capture-HD-PRO_>>_Record_State_F}}	A	Connect to Capture-HD-Pro symbol Record_State_F output.
{{Capture-HD-PRO_>>_Upload_State_F}}	A	Connect to Capture-HD-Pro symbol Upload_State_F output.

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{{Capture-HD-PRO_>>_Upload_Path1_F}}	S	Connect to Capture-HD-Pro symbol Upload_Path1_F output.
{{Capture-HD-PRO_>>_Upload_Username1_F}}	S	Connect to Capture-HD-Pro symbol Upload_Username1_F output.
{{Capture-HD-PRO_>>_Status_Description_F}}	S	Connect to Capture-HD-Pro symbol Status_Description_F output.
{{Capture-HD-PRO_>>_Capture_Format_F}}	A	Connect to Capture-HD-Pro symbol Capture_Format_F output.
{{Capture-HD-PRO_>>_Capture_Bitrate_F}}	A	Connect to Capture-HD-Pro symbol Capture_Bitrate_F output.
{{Capture-HD-PRO_>>_Storage_Default_Location_F}}	A	Connect to Capture-HD-Pro symbol Storage_Default_Location_F output.
{{Capture-HD-PRO_>>_Content_Video_Detected_F}}	D	Connect to Capture-HD-Pro symbol Content_Video_Detected_F output.
{{Capture-HD-PRO_>>_Camera_Composite_Detected_F}}	D	Connect to Capture-HD-Pro symbol Camera_Composite_Detected_F output.
{{Capture-HD-PRO_>>_Camera_SDI_Detected_F}}	D	Connect to Capture-HD-Pro symbol Camera_SDI_Detected_F output.
{{Capture-HD-PRO_>>_Recall_PIP_Side-by-Side_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_Side-by-Side_F output.
{{Capture-HD-PRO_>>_Recall_PIP_UL_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_UL_F output.
{{Capture-HD-PRO_>>_Recall_PIP_UR_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_UR_F output.
{{Capture-HD-PRO_>>_Recall_PIP_LR_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_LR_F output.
{{Capture-HD-PRO_>>_Recall_PIP_LL_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_LL_F output.
{{Capture-HD-PRO_>>_Recall_PIP_Full-frame_F}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_Full-frame_F output.
{{Capture-HD-PRO_>>_Camera_Video_Select_F}}	A	Connect to Capture-HD-Pro symbol Camera_Video_Select_F output.
{{Capture-HD-PRO_>>_Content_Video_Input_F}}	A	Connect to Capture-HD-Pro symbol Content_Video_Input_F output.
{{Capture-HD-PRO_>>_PIP_Size_F}}	A	Connect to Capture-HD-Pro symbol PIP_Size_F output.

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{{Capture-HD-PRO_>>_Background_Picture_F}}	A	Connect to Capture-HD-Pro Background_Picture_F output.
{{Capture-HD-PRO_>>_Foreground_Alpha_F}}	A	Connect to Capture-HD-Pro symbol Foreground_Alpha_F output.
{{Capture-HD-PRO_>>_Content_Audio_Input_F}}	A	Connect to Capture-HD-Pro symbol Content_Audio_Input_F output.
{{Capture-HD-PRO_>>_Content_Input_Compensation_F}}	A	Connect to Capture-HD-Pro symbol Content_Input_Compensation_F output.
{{Capture-HD-PRO_>>_Content_VU_F}}	A	Connect to Capture-HD-Pro symbol Content_VU_F output.
{{Capture-HD-PRO_>>_Audio_Delay_F}}	A	Connect to Capture-HD-Pro symbol Audio_Delay_F output.
{{Capture-HD-PRO_>>_Mix_Level_F}}	A	Connect to Capture-HD-Pro symbol Mix_Level_F output.
{{Capture-HD-PRO_>>_Bass_F}}	A	Connect to Capture-HD-Pro symbol Bass_F output.
{{Capture-HD-PRO_>>_Treble_F}}	A	Connect to Capture-HD-Pro symbol Treble_F output.
{{Capture-HD-PRO_>>_MMC_Detected_F}}	D	Connect to Capture-HD-Pro symbol MMC_Detected_F output.
{{Capture-HD-PRO_>>_MMC_Space_Low_F}}	D	Connect to Capture-HD-Pro symbol MMC_Space_Low_F output.
{{Capture-HD-PRO_>>_USB1_Detected_F}}	D	Connect to Capture-HD-Pro symbol USB1_Detected_F output.
{{Capture-HD-PRO_>>_USB1_Space_Low_F}}	D	Connect to Capture-HD-Pro symbol USB1_Space_Low_F output.
{{Capture-HD-PRO_>>_USB2_Detected_F}}	D	Connect to Capture-HD-Pro symbol USB2_Detected_F output.
{{Capture-HD-PRO_>>_USB2_Space_Low_F}}	D	Connect to Capture-HD-Pro symbol USB2_Space_Low_F output.
{{Capture-HD-PRO_>>_MMC_Time_Left_F}}	A	Connect to Capture-HD-Pro symbol MMC_Time_Left_F output.
{{Capture-HD-PRO_>>_USB1_Time_Left_F}}	A	Connect to Capture-HD-Pro symbol USB1_Time_Left_F output.
{{Capture-HD-PRO_>>_USB2_Time_Left_F}}	A	Connect to Capture-HD-Pro symbol USB2_Time_Left_F output.
{{Capture-HD-PRO_>>_MMC_Space_Total_F}}	S	Connect to Capture-HD-Pro symbol MMC_Space_Total_F output.

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{{Capture-HD-PRO_>>MMC_Space_Used_F}}	S	Connect to Capture-HD-Pro symbol MMC_Space_Used_F output.
{{Capture-HD-PRO_>>MMC_Space_Available_F}}	S	Connect to Capture-HD-Pro symbol MMC_Space_Available_F output.
{{Capture-HD-PRO_>>USB1_Space_Total_F}}	S	Connect to Capture-HD-Pro symbol USB1_Space_Total_F output.
{{Capture-HD-PRO_>>USB1_Space_Used_F}}	S	Connect to Capture-HD-Pro symbol USB1_Space_Used_F output.
{{Capture-HD-PRO_>>USB1_Space_Available_F}}	S	Connect to Capture-HD-Pro symbol USB1_Space_Available_F output.
{{Capture-HD-PRO_>>USB2_Space_Total_F}}	S	Connect to Capture-HD-Pro symbol USB2_Space_Total_F output.
{{Capture-HD-PRO_>>USB2_Space_Used_F}}	S	Connect to Capture-HD-Pro symbol USB2_Space_Used_F output.
{{Capture-HD-PRO_>>USB2_Space_Available_F}}	S	Connect to Capture-HD-Pro symbol USB2_Space_Available_F output.
{{Capture-HD-PRO_>>Current_Meeting_Name_F}}	S	Connect to Capture-HD-Pro symbol Current_Meeting_Name_F output.
{{Capture-HD-PRO_>>Current_Meeting_Organizer_F}}	S	Connect to Capture-HD-Pro symbol Current_Meeting_Organizer_F output.
{{Capture-HD-PRO_>>Current_Meeting_Time_F}}	S	Connect to Capture-HD-Pro symbol Current_Meeting_Time_F output.
{{Capture-HD-PRO_>>Next_Meeting_Name_F}}	S	Connect to Capture-HD-Pro symbol Next_Meeting_Name_F output.
{{Capture-HD-PRO_>>Next_Meeting_Organizer_F}}	S	Connect to Capture-HD-Pro symbol Next_Meeting_Organizer_F output.
{{Capture-HD-PRO_>>Next_Meeting_Time_F}}	S	Connect to Capture-HD-Pro symbol Next_Meeting_Time_F output.
{{Ethernet_Offline_Manager_>>offline}}	D	Connect to Capture-HD-Pro Ethernet Offline Manager device extender symbol, offline output.
{{Ethernet_Offline_Manager_>>offline}}	D	Connect to TPMC-4SM Ethernet Offline Manager device extender symbol, offline output.

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OUTPUTS:

Page_Device_Offline_Int	D	Connect to 4SM page Offline feedback join.
Page_Alert	D	Connect to 4SM page Alert feedback join.
Page_Start_Int	D	Connect to 4SM page Start feedback join.
Page_Preparing_Mic	D	Connect to 4SM page Preparing_Mic feedback join.
Page_Preparing_Preview	D	Connect to 4SM page Preparing_Preview feedback join.
Page_Preparing_Layout	D	Connect to 4SM page Preparing_Layout feedback join.
Page_Preparing_Camera	D	Connect to 4SM page Preparing_Camera feedback join.
Page_Preparing_To_Record_Int	D	Connect to 4SM page Preparing_To_Record feedback join.
Page_Record_Int	D	Connect to 4SM page Record feedback join.
Page_Record_End_Confirmation	D	Connect to 4SM page Record_End_Confirmation feedback join.
Page_Record_Wrapup	D	Connect to 4SM page Record_Wrapup feedback join.
Page_Keyboard	D	Connect to 4SM page Keyboard feedback join.
Page_Keypad	D	Connect to 4SM page Keypad feedback join.
Sub_Start_No_Sched_System	D	Connect to 4SM page Capture_Start, subpage Start_No_Sched_System feedback join.
Sub_Start_Sched_With_Current_Meeting	D	Connect to 4SM page Capture_Start, subpage Start_With_Current_Meeting feedback join.
Sub_Start_Sched_Without_Current_Meeting	D	Connect to 4SM page Capture_Start, subpage Start_No_Current_Meeting feedback join.
Current_Meeting_Name\$	S	Connect to 4SM Current_Meeting_Name serial join.
Current_Meeting_Time\$	S	Connect to 4SM Current_Meeting_Time serial join.
Current_Meeting_Organizer\$	S	Connect to 4SM Current_Meeting_Organizer serial join.
Next_Meeting_Description\$	S	Connect to 4SM Next_Meeting_Description serial join.

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Preparing_Mic_Speech_VU_Label	A	Connect to 4SM Preparing_Mic_Speech_VU_Label button mode analog join.
Preparing_Mic_Speech_Input_Label	A	Connect to 4SM Preparing_Mic_Speech_Input_Label button mode analog join.
Preparing_Mic_Speech_Louder_F	D	Connect to 4SM Louder button feedback on Preparing_Mic page.
Preparing_Mic_Speech_Softer_F	D	Connect to 4SM Softer button feedback on Preparing_Mic page.
Sub_Preparing_Mic_More_Button	D	Connect to 4SM Preparing_Mic_More subpage feedback join.
Sub_Preparing_Mic_Next_Button	D	Connect to 4SM Preparing_Mic_Next subpage feedback join.
Sub_Preparing_Layout_Back_To_Preview_Button	D	Connect to 4SM Preparing_Layout_Back_To_Preview_Button subpage feedback join.
Sub_Preparing_Layout_Back_To_Mic_Button	D	Connect to 4SM Preparing_Layout_Back_To_Preview_Button subpage feedback join.
Sub_Preparing_Layout_Side_By_Side	D	Connect to 4SM Preparing_Layout_Side_By_Side subpage feedback join.
Sub_Preparing_Layout_Fullscreen_Content	D	Connect to 4SM Preparing_Layout_Fullscreen_Content subpage feedback join.
Sub_Preparing_Layout_Fullscreen_Camera	D	Connect to 4SM Preparing_Layout_Fullscreen_Camera subpage feedback join.
Sub_Preparing_Layout_PIP_Upper_Left	D	Connect to 4SM Preparing_Layout_PIP_Upper_Left subpage feedback join.
Sub_Preparing_Layout_PIP_Upper_Right	D	Connect to 4SM Preparing_Layout_PIP_Upper_Right subpage feedback join.
Sub_Preparing_Layout_PIP_Lower_Right	D	Connect to 4SM Preparing_Layout_PIP_Lower_Right subpage feedback join.
Sub_Preparing_Layout_PIP_Lower_Left	D	Connect to 4SM Preparing_Layout_PIP_Lower_Left subpage feedback join.
Sub_Preparing_Layout_PIP_Upper_Left	D	Connect to 4SM Preparing_Layout_PIP_Upper_Left subpage feedback join.
Preparing_Layout_Select_nnnn_F	D	Connect to 4SM corresponding Preparing_Layout selection button feedback.
Sub_Preparing_Layout_PIP_Select	D	Connect to 4SM Preparing_Layout_PIP_Select subpage

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		feedback join.
Preparing_Layout_Select_PIP_F	D	Connect to 4SM Preparing_Layout PIP button feedback.
MJPEG_Viewer_Open	D	Connect to 4SM MJPEG_Viewer open feedback join.
MJPEG_Viewer_Port	A	Connect to 4SM MJPEG_Viewer port analog join.
MJPEG_Viewer_Left	A	Connect to 4SM MJPEG_Viewer left position analog join.
MJPEG_Viewer_Top	A	Connect to 4SM MJPEG_Viewer top position analog join.
MJPEG_Viewer_Width	A	Connect to 4SM MJPEG_Viewer width analog join.
MJPEG_Viewer_Height	A	Connect to 4SM MJPEG_Viewer height analog join.
Sub_Record_Border_With_MJPEG	D	Connect to 4SM Record_Border_With_MJPEG subpage feedback join.
Sub_Record_Border_Without_MJPEG	D	Connect to 4SM Record_Border_Without_MJPEG subpage feedback join.
Record_Status\$	S	Connect to 4SM Record_Status serial join.
Record_F	D	Connect to 4SM Start_Recording button feedback.
Pause_F	D	Connect to 4SM Record page Pause button feedback.
Stop_F	D	Connect to 4SM Record page Stop button feedback.
Bookmark_F	D	Connect to 4SM Record page Bookmark button feedback.
Mute	D	Connect to 4SM Record page Mute button feedback.
ElapsedSec_F	A	Connect to 4SM ElapsedSec analog join.
Alert_Message\$	S	Connect to 4SM Alert_Message serial join.
Password_Star\$	S	Connect to 4SM Password page star field serial join.
Password_Field\$	S	Connect to 4SM Config_Admin_Password password field serial join.
Password_Mode	A	Connect to 4SM Password page star field button mode join.
Password_[key]_F	D	Connect to 4SM Password page buttons feedback.
Keyboard_Page_Label\$	S	Connect to 4SM Keyboard page label serial join.

Partner: N/A
Model: N/A
Device Type: Software

Keyboard_Prefix\$	S	Connect to 4SM Keyboard page text field prefix serial join.
Keyboard_Text\$	S	Connect to 4SM Keyboard page text field serial join.
Keyboard_Shift_Mode	A	Connect to 4SM Keyboard page shift controlled buttons mode join.
Keyboard_Caps_Mode	A	Connect to 4SM Keyboard page caps controlled buttons mode join.
Keyboard_[key]_F	D	Connect to 4SM Keyboard page buttons feedback.
Keypad_Page_Label\$	S	Connect to 4SM Keypad page label serial join.
Keypad_Value	A	Connect to 4SM Keypad page value gauge analog join.
Keypad_[key]_F	D	Connect to 4SM Keypad page buttons feedback.
Page_Config_Main	D	Connect to 4SM Config_Main page feedback join.
Speech_VU_Frame	A	Connect to 4SM Speech_VU_Frame button mode analog join.
Speech_VU_Bar	A	Connect to 4SM Speech_VU_Bar button mode analog join.
Audio_Speech_Treble_Level_F	A	Connect to 4SM Speech_Treble_Level gauge analog join.
Audio_Speech_Treble_Level_Frame_F	A	Connect to 4SM Speech_Treble_Level button mode analog join.
Audio_Speech_Treble_Up_F	D	Connect to 4SM Config_Audio_Speech page Treble_Up button feedback.
Audio_Speech_Treble_Down_F	D	Connect to 4SM Config_Audio_Speech page Treble_Down button feedback.
Audio_Speech_Bass_Level_F	A	Connect to 4SM Speech_Bass_Level gauge analog join.
Audio_Speech_Bass_Level_Frame_F	A	Connect to 4SM Speech_Bass_Level button mode analog join.
Audio_Speech_Bass_Up_F	D	Connect to 4SM Config_Audio_Speech page Bass_Up button feedback.
Audio_Speech_Bass_Down_F	D	Connect to 4SM Config_Audio_Speech page Bass_Down button feedback.
Audio_Speech_Mix_Level_F	A	Connect to 4SM Speech_Mix_Level gauge analog join.
Audio_Speech_Mix_Level_Frame_F	A	Connect to 4SM Speech_Mix_Level button mode analog join.

Partner: N/A
Model: N/A
Device Type: Software

Audio_Speech_Mix_Up_F	D	Connect to 4SM Config_Audio_Speech page Mix_Up button feedback.
Audio_Speech_Mix_Down_F	D	Connect to 4SM Config_Audio_Speech page Mix_Down button feedback.
Audio_Speech_Input_Compensation_Level_F	A	Connect to 4SM Speech_Input_Compensation_Level gauge analog join.
Audio_Speech_Input_Compensation_Up_F	D	Connect to 4SM Config_Audio_Speech page Input_Compensation_Up button feedback.
Audio_Speech_Input_Compensation_Down_F	D	Connect to 4SM Config_Audio_Speech page Input_Compensation_Down button feedback.
Content_VU_Frame	A	Connect to 4SM Content_VU_Frame button mode analog join.
Content_VU_Bar	A	Connect to 4SM Content_VU_Bar button mode analog join.
Audio_Content_Treble_Level_F	A	Connect to 4SM Content_Treble_Level gauge analog join.
Audio_Content_Treble_Level_Frame_F	A	Connect to 4SM Content_Treble_Level button mode analog join.
Audio_Content_Treble_Up_F	D	Connect to 4SM Config_Audio_Content page Treble_Up button feedback.
Audio_Content_Treble_Down_F	D	Connect to 4SM Config_Audio_Content page Treble_Down button feedback.
Audio_Content_Bass_Level_F	A	Connect to 4SM Content_Bass_Level gauge analog join.
Audio_Content_Bass_Level_Frame_F	A	Connect to 4SM Content_Bass_Level button mode analog join.
Audio_Content_Bass_Up_F	D	Connect to 4SM Config_Audio_Content page Bass_Up button feedback.
Audio_Content_Bass_Down_F	D	Connect to 4SM Config_Audio_Content page Bass_Down button feedback.
Audio_Content_Mix_Level_F	A	Connect to 4SM Content_Mix_Level gauge analog join.
Audio_Content_Mix_Level_Frame_F	A	Connect to 4SM Content_Mix_Level button mode analog join.
Audio_Content_Mix_Up_F	D	Connect to 4SM Config_Audio_Content page Mix_Up button feedback.
Audio_Content_Mix_Down_F	D	Connect to 4SM Config_Audio_Content page Mix_Down button feedback.

Partner: N/A
Model: N/A
Device Type: Software

Audio_Content_Input_Compensation_Level_F	A	Connect to 4SM Content_Input_Compensation_Level gauge analog join.
Audio_Content_Input_Compensation_Level_Frame_F	A	Connect to 4SM Content_Input_Compensation_Level button mode analog join.
Audio_Content_Input_Compensation_Up_F	D	Connect to 4SM Config_Audio_Content page Input_Compensation_Up button feedback.
Audio_Content_Input_Compensation_Down_F	D	Connect to 4SM Config_Audio_Content page Input_Compensation_Down button feedback.
Audio_Content_Input_HDMI_LED_Mode	A	Connect to 4SM Config_Audio_Select page Input_HDMI_LED button mode.
Audio_Content_Input_Analog_Unbalanced_LED_Mode	A	Connect to 4SM Config_Audio_Select page Input_Analog_Unbalanced_LED button mode.
Audio_Content_Input_Analog_Balanced_LED_Mode	A	Connect to 4SM Config_Audio_Select page Input_Analog_Balanced_LED button mode.
Audio_Content_Input_HDMI_LED_F	D	Connect to 4SM Config_Audio_Select page Input_HDMI_LED button feedback.
Audio_Content_Input_Analog_Unbalanced_LED_F	D	Connect to 4SM Config_Audio_Select page Input_Analog_Unbalanced_LED button feedback.
Audio_Content_Input_Analog_Balanced_LED_F	D	Connect to 4SM Config_Audio_Select page Input_Analog_Balanced_LED button feedback.
Audio_Content_Input_Auto_F	D	Connect to 4SM Config_Audio_Select page Auto button feedback.
Audio_Content_Input_HDMI_F	D	Connect to 4SM Config_Audio_Select page HDMI button feedback.
Audio_Content_Input_Analog_Unbalanced_F	D	Connect to 4SM Config_Audio_Select page Unbalanced button feedback.
Audio_Content_Input_Analog_Balanced_F	D	Connect to 4SM Config_Audio_Select page Balanced button feedback.
Video_Camera_Input_SDI_LED_F	D	Connect to 4SM Config_Video_Camera page Camera_Input_SDI_Detected button feedback join.
Video_Camera_Input_Composite_LED_F	D	Connect to 4SM Config_Video_Camera page Camera_Input_Composite_Detected button feedback join.
Video_Camera_Input_Auto_F	D	Connect to 4SM Config_Video_Camera page Input_Auto button feedback.

Partner: N/A
Model: N/A
Device Type: Software

Video_Camera_Input_SDI_F	D	Connect to 4SM Config_Video_Camera page Input_SDI button feedback.
Video_Camera_Input_Composite_F	D	Connect to 4SM Config_Video_Camera page Input_Composite button feedback.
Video_Camera_PIP_Small_F	D	Connect to 4SM Config_Video_Camera page PIP_Small button feedback.
Video_Camera_PIP_Medium_F	D	Connect to 4SM Config_Video_Camera page PIP_Medium button feedback.
Video_Camera_PIP_Large_F	D	Connect to 4SM Config_Video_Camera page PIP_Large button feedback.
Default_Layout_Select_nnnn_F	D	Connect to 4SM Config_Video_Camera page Default_Layout_nnnn button feedback.
Video_Content_Input_HDMI_LED_Mode	A	Connect to 4SM Config_Video_Content page Input_HDMI_LED button mode.
Video_Content_Input_VGA_LED_Mode	A	Connect to 4SM Config_Video_Content page Input_VGA_LED button mode.
Video_Content_Input_HDMI_LED_F	A	Connect to 4SM Config_Video_Content page Input_HDMI_LED button feedback.
Video_Content_Input_VGA_LED_F	A	Connect to 4SM Config_Video_Content page Input_VGA_LED button feedback.
Video_Content_Input_Auto_F	D	Connect to 4SM Config_Video_Content page Input_Auto button feedback.
Video_Content_Input_HDMI_F	D	Connect to 4SM Config_Video_Content page Input_HDMI button feedback.
Video_Content_Input_VGA_F	D	Connect to 4SM Config_Video_Content page Input_VGA button feedback.
Video_Record_Format_720p60_F	D	Connect to 4SM Config_Video_Record page Format_720p60 button feedback.
Video_Record_Format_1080p24_F	D	Connect to 4SM Config_Video_Record page Format_1080p24 button feedback.
Video_Record_Format_720p30_F	D	Connect to 4SM Config_Video_Record page Format_720p30 button feedback.
Video_Record_Format_720p24_F	D	Connect to 4SM Config_Video_Record page Format_720p24 button feedback.

Partner: N/A
Model: N/A
Device Type: Software

Video_Record_Bitrate_Up_F	D	Connect to 4SM Config_Video_Record page Bitrate_Up button feedback.
Video_Record_Bitrate_Down_F	D	Connect to 4SM Config_Video_Record page Bitrate_Down button feedback.
Network_Use_Scheduling_System_F	D	Connect to 4SM Config_Network_Schedule page Use_Scheduling_System button feedback.
Storage_Default_MMC_F	D	Connect to 4SM Config_Control_Storage page MMC button feedback.
Storage_Default_USB_Front_F	D	Connect to 4SM Config_Control_Storage page USB_Front button feedback.
Storage_Default_USB_Rear_F	D	Connect to 4SM Config_Control_Storage page USB_Rear button feedback.
Upload_Path\$	S	Connect to 4SM Config_Control_Upload page Upload_Path text serial join.
Upload_User_Name\$	S	Connect to 4SM Config_Control_Upload page Username text serial join.
Upload_Password\$	S	Connect to 4SM Config_Control_Upload page Password text serial join.
Camera_Type_None_F	D	Connect to 4SM Config_Control_Camera page No_Camera button feedback.
Camera_Type_Generic_F	D	Connect to 4SM Config_Control_Camera page Generic_MJPEG button feedback.
Camera_Type_Crestron_1_F	D	Connect to 4SM Config_Control_Camera page Crestron IPTZ-100 button feedback.
Camera_Type_Crestron_2_F	D	Connect to 4SM Config_Control_Camera page Crestron IFB-100 button feedback.
Camera_Edit_Hostname_Mode	A	Connect to 4SM Config_Control_Camera page Edit_Hostname button mode analog join.
Camera_Edit_MJPEG_Path_Mode	A	Connect to 4SM Config_Control_Camera page Edit_MJPEG_Path button mode analog join.
Camera_Edit_MJPEG_Port_Mode	A	Connect to 4SM Config_Control_Camera page Edit_MJPEG_Port button mode analog join.
{{Record_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Record input.

Partner: N/A
Model: N/A
Device Type: Software

{{Pause_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Pause input.
{{Stop_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Stop input.
{{Bookmark_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Bookmark input.
{{Mute_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Mute input.
{{DisVUFB_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol DisVUFB input.
{{DisElapsedSec_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol DisElapsedSec input.
{{RecordMode_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol RecordMode input.
{{Volume_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Volume input.
{{Bass_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Bass input.
{{Treble_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Treble input.
{{Upload_Path1_>>_Capture-HD-PRO}}	S	Connect to Capture-HD-Pro symbol Upload_Path1 input.
{{Upload_User_Name1_>>_Capture-HD-PRO}}	S	Connect to Capture-HD-Pro symbol Upload_User_Name1 input.
{{Upload_Password1_>>_Capture-HD-PRO}}	S	Connect to Capture-HD-Pro symbol Upload_Password1 input.
{{Capture_Format_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Capture_Format input.
{{Capture_Bitrate_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Capture_Bitrate input.
{{Storage_Default_Location_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Storage_Default_Location input.
{{Recall_PIP_Side-by-Side_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_Side-by-Side input.
{{Recall_PIP_UL_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_UL input.
{{Recall_PIP_UR_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_UR input.
{{Recall_PIP_LR_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_LR input.
{{Recall_PIP_LL_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_LL input.
{{Recall_PIP_Full-frame_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro symbol Recall_PIP_Full-frame input.

Partner: N/A
Model: N/A
Device Type: Software

{{Camera_Video_Select_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Camera_Video_Select input.
{{Content_Video_Input_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Video_Input input.
{{PIP_Size_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol PIP_Size input.
{{Background_Picture_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Background_Picture input.
{{Foreground_Alpha_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Foreground_Alpha input.
{{Content_Audio_Input_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Audio_Input input.
{{Content_Input_Compensation_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Input_Compensation input.
{{Content_Audio_Delay_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Audio_Delay input.
{{Content_Mix_Level_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Mix_Level input.
{{Content_Bass_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Bass input.
{{Content_Treble_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Content_Treble input.
{{Speech_Input_Compensation_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Speech_Input_Compensation input.
{{Speech_Mix_Level_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Speech_Mix_Level input.
{{Speech_Bass_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Speech_Bass input.
{{Speech_Treble_>>_Capture-HD-PRO}}	A	Connect to Capture-HD-Pro symbol Speech_Treble input.
{{update-request_>>_Capture-HD-PRO}}	D	Connect to Capture-HD-Pro Ethernet Offline Manager input update-request.
{{Bank_A_Red_>>_4SM}}	D	Connect to TPMC-4SM System3 Reserved Joins device extender Bank A Red input.
{{Bank_B_Red_>>_4SM}}	D	Connect to TPMC-4SM System3 Reserved Joins device extender Bank B Red input.
{{Bank_A_Off_>>_4SM}}	D	Connect to TPMC-4SM System3 Reserved Joins device extender Bank A Off input.

Partner: N/A**Model: N/A****Device Type: Software**

{{Bank_B_Off_>>_4SM}}	D	Connect to TPMC-4SM System3 Reserved Joins device extender Bank B Off input.
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TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	3.10.20
CRES DB USED FOR TESTING:	29.01.004.00
SYMBOL LIBRARY USED FOR TESTING:	39.00.005.00
SAMPLE PROGRAM:	capture_hd_pro_demo_qmrmc_vx.x
REVISION HISTORY:	