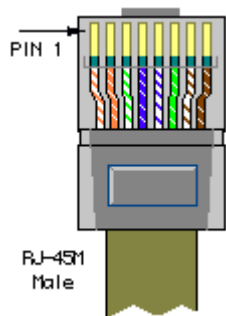


Partner: Jupiter
Model: PixelNet
Device Type: LCD Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Jupiter PixelNet v1.0
CATEGORY:	Video/Data Projector
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Jupiter PixelNet Domain Control.
GENERAL NOTES:	This module provides control for the Jupiter PixelNet Domain Control. It also provides true feedback. NOTE: If the PixelNet Domain Control software is not open and running this module will not work. This module is System Builder compatible.
CRESTRON HARDWARE REQUIRED:	C2ENET-1, C2ENET-2
SETUP OF CRESTRON HARDWARE:	TCP/IP Port - 30326
VENDOR FIRMWARE:	1.2
VENDOR SETUP:	PixelNet Domain Control
CABLE DIAGRAM:	Ethernet Straight Through RJ-45



Straight Through Cable	
RJ-45 PIN	RJ-45 PIN
1 Tx+	1 Rc+
2 Tx-	2 Rc-
3 Rc+	3 Tx+
6 Rc-	6 Tx-

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CONTROL:

Configuration	D	Pulse to choose Configuration page for PixelNet.
Wall	D	Pulse to choose Wall page for PixelNet.
Layout	D	Pulse to choose Layout page for PixelNet.
Source	D	Pulse to choose Source page for PixelNet.
Window	D	Pulse to choose Window page for PixelNet.
Frame	D	Pulse to choose Frame page for PixelNet.
Configuration_Query	D	Queries the PixelNet for all configurations.
Configuration_Load	D	Loads the selected configuration.
Configuration_Line_*	D	Selects the line#.
Configuration_Page/Scroll/Home/End	D	Navigates through the list.
Configuration_Clear	D	Clears selected line.
Configuration_Scrollbar_In	A	Moves through the list.
Configuration_Lines	A	Set the number of lines max is 15.
Wall_Query_All	D	Query all information for all walls.
Wall_Query	D	Query currently selected wall for info.
Wall_Activate	D	Make the currently selected wall the active wall.
Wall_Line_*	D	Selects the line#.
Wall_Page/Scroll/Home/End	D	Navigates through the list.
Wall_Clear	D	Clears selected line.
Wall_Scrollbar_In	A	Moves through the list.
Wall_Lines	A	Set the number of lines max is 15.
Layout_Query	D	Queries the PixelNet for all layout.

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Layout_Load	D	Loads the selected layout.
Layout_Save	D	Creates a new layout.
Layout_Line_*	D	Selects the line#.
Layout_Page/Scroll/Home/End	D	Navigates through the list.
Layout_Clear	D	Clears selected line.
Layout_Scrollbar_In	A	Moves through the list.
Layout_Lines	A	Set the number of lines max is 15.
Source_Query	D	Queries the PixelNet for all sources.
Source_Get	D	Gets the source for the selected window.
Source_Select	D	Routes the source to the selected window.
Source_Line_*	D	Selects the line#.
Source_Page/Scroll/Home/End	D	Navigates through the list.
Source_Clear	D	Clears selected line.
Source_Scrollbar_In	A	Moves through the list.
Source_Lines	A	Set the number of lines max is 15.
Window_Query_All	D	Queries the PixelNet for all windows on the current wall.
Window_Get	D	Gets the info for the selected window.
Window_Set	D	Set new window info for the currently selected window.
Window_Close	D	Close the currently selected window.
Window_Close_All	D	Close all windows on the currently selected wall.
Window_New	D	Makes a new window with the selected information.
Window_Freeze	D	Freeze the current source on the selected window.
Window_Unfreeze	D	Unfreeze the current source on the selected window.
Window_Z_Up/Down	D	Changes the Z order on a new window.

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Window_New/Set/Crop/Cancel_btn	D	Selects a new sub page for setting info.
Window_Line_*	D	Selects the line#.
Window_Page/Scroll/Home/End	D	Navigates through the list.
Window_Clear	D	Clears selected line.
Window_Scrollbar_In	A	Moves through the list.
Window_Lines	A	Set the number of lines max is 15.
Crop_Set	D	Crops currently selected window.
Crop_top/left/right/bottom	D	Set the crop value
Crop_Cancel	D	Cancel cropping.
Frame/Title/Overlay_Set	D	Sets the new information.
Frame/Title/Overlay/Back_Show	D	Toggles the state on or off.
Justify_Left/Center/Right	D	Sets the justification of text.
Position_Top/Center/Bottom	D	Sets the position of text.
Overlay_Transparency	A	Sets the Transparency 0-100%
Title_Text/Font_Set	D	Choose what function the keyboard is setting.
Keyboard_*	D	Current function of keyboard.
Window_ID/X/Y/W/H_new	D	Choose what function the keypad is setting.
Window_Cancel	D	Cancels current sub page and returns to Window sub page.
Frame/Title/Overlay_*_Set	D	Choose what function the keypad is setting.
Numpad_Cancel	D	Cancels keypad setting.
Numpad_*	D	Keypad value.
Numpad_Enter	D	Selects and enters the current value.
Frame/Title/Overlay_Color_Set	D	Choose which function the color is being chosen for.
Color_Set_Done/Cancel	D	Cancel color sub page.

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Color_Default_*	D	Choose default color#
IP_Connected	D	Connects to the feedback of the TCP/IP Client.
IP_Status	A	Connects to the feedback of the TCP/IP Client.
From_Device	S	Connects to the feedback of the TCP/IP Client.

FEEDBACK:

Configuration/Wall/Layout/Source/Window/Frame_Is_Selected	D	High to indicate the current page.
Error_Message_Text	S	Shows status of Jupiter command.
Header_Text	S	Shows current page.
Configuration_Line_*_Is_Selected	D	High to indicate the currently selected line.
Configuration_Scrollbar	A	Feedback for scrolling list.
Configuration_Line_*_Name	S	Text name for line#.
Wall_Line_*_Is_Selected	D	High to indicate the currently selected line.
Wall_Scrollbar	A	Feedback for scrolling list.
Wall_Name_current_Text	S	Currently active wall.
Wall_Line_*_Name/ID/W/H/RW/RH	S	Text name for line#.
Layout_Line_*_Is_Selected	D	High to indicate the currently selected line.
Layout_Scrollbar	A	Feedback for scrolling list.
Layout_Line_*_Name	S	Text name for line#.
Source_Line_*_Is_Selected	D	High to indicate the currently selected line.
Source_Scrollbar	A	Feedback for scrolling list.
Source_Line_*_Name/Path	S	Text name for line#.
New_Window_Z	A	Changes Z order for currently selected window.

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Window_New/Set/Crop/Sub_Is_Selected	D	Feedback for sub pages
Window_Line_*_Is_Selected	D	High to indicate the currently selected line.
Window_Scrollbar	A	Feedback for scrolling list.
Window_ID_current_Text	S	Currently selected window id.
Window_Line_*_ID/Source/X/Y/W/H	S	Text name for line#.
Crop_top/left/right/bottom_Is_Selected	D	Feedback for item to be edited.
Crop_New_Left/Right/Top/Bottom	A	Value that will be used for cropping.
Crop_New_Left/Right/Top/Bottom_Line	A	Feedback to show lines for cropping.
Frame/Title/Overlay/Back_Show_Is_Selected	D	Shows feedback for item to be shown or hidden.
Justify_Left/Center/Right_Is_Selected	D	Text justification feedback
Position_Top/Center/Bottom_Is_Selected	D	Text position feedback.
Overlay_Transparency	A	Transparency 0-100%
Title_Text/Font_Set_Is_Selected	D	Feedback for item being set by keyboard.
Keyboard_Shift_Is_Selected	D	Feedback for shift
Keyboard_Caps_Is_Selected	D	Feedback for caps.
Keyboard_Text	S	Keyboard text output.
Window_ID/X/Y/W/H_new_Is_Selected	D	Feedback for item to be set by keypad
Frame/Title/Overlay_*_Set_Is_Selected	D	Feedback for item to be set by keypad
Numpad_Display	A	Keypad display
New_Window_*	A	Item value for new window
Frame/Title/Overlay_Set_Is_Selected	D	Item to be set with color
Color_sub_page_Is_Selected	D	Display color sub page.
Color_Default_*_Is_Selected	D	Feedback for chosen color.
Current/Frame/Title/Back_R/G/B_value	A	Display current value for color

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Current/Frame/Title/Back_color	A	Mode button value to show color
Connect	D	Connects to tcp/ip client to connect
To_Device	S	Connects to tcp/ip client to TX\$

TESTING:

OPS USED FOR TESTING:	V4.001.1012
SIMPL WINDOWS USED FOR TESTING:	v2.11.27
CRES DB USED FOR TESTING:	v21.02.016.00
DEVICE DATABASE:	v26.00.005.00
SYMBOL LIBRARY USED FOR TESTING:	V648
SAMPLE PROGRAM:	Jupiter PixelNet v1.0 Demo PRO2.smw
REVISION HISTORY:	v1.0 – Original release.