

Partner: Digital Projection
Model: Titan
Device Type: DLP Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Digital Projection Titan IP
CATEGORY:	TV Video Projector
VERSION:	2.0
SUMMARY:	Provides control of the Digital Projection Titan series projectors via TCP/IP.
GENERAL NOTES:	Provides control of the Digital Projection Titan series projectors via TCP/IP. This was tested with a Titan 800 1080p 3D projector.
CRESTRON HARDWARE REQUIRED:	2-Series Processor w/Ethernet, 3-Series Processor w/Ethernet
SETUP OF CRESTRON HARDWARE:	TCP/IP connection enabled. Port 7000d is used.
VENDOR FIRMWARE:	Scaler BL 07 FW 2-8-1G 0354 DP Interface: 53.35
VENDOR SETUP:	For the IP connection, be sure to use the projector's "Update" port, not the "LAN" port.
CABLE DIAGRAM:	N/A

CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn unit on or off.
Input_*	D	Pulse to select the input.
Aspect_*	D	Pulse to set the aspect mode.
PIP_Mode_<Off/PIP/PAP/POP>	D	Pulse to set the PIP mode.
PIP_Input_*	D	Pulse to set the PIP input.
PIP_Size_<Small/Medium/Large>	D	Pulse to set the PIP size.
PIP_Position_*	D	Pulse to set the PIP position.
PIP_Position_Custom	D	Pulse to set PIP position to custom.
PIP_H_Position_<Right/Left>	D	Press to adjust the custom PIP horizontal position.
PIP_V_Position_<Up/Down>	D	Press to adjust the custom PIP vertical position.

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*3D_<On/Off>	D	Pulse to turn 3D on or off.
*3D_Mult_<1X/2X/3X>	D	Pulse to adjust the 3D multiplier value.
3D_Format_	D	Pulse to set the 3D format.
*3D_Darktime_<0us/650us/1300us/7500us>	D	Pulse to set the 3D darktime.
*3D_Polarity_<Pos/Neg>	D	Pulse to set 3D polarity to positive or negative.
*3D_Dominance_<Left/Right>	D	Pulse to set 3D dominance to left or right.
*3D_SDI_Stream_<1/2>	D	Pulse to set SDI stream to 1 or 2.
Shutter_<Open/Close/Toggle>	D	Pulse to open or close shutter.
Freeze_<On/Off/Toggle>	D	Pulse to turn freeze on or off.
Lens_<Up/Down/Left/Right>	D	Press to adjust the lens position.
Lens_Center	D	Pulse to center the lens.
Zoom_<In/Out>	D	Press to zoom in or out.
Focus_<Near/Far>	D	Press to focus near or far.
Lens_Preset_<1-10>	D	Pulse to select the lens preset. Press and hold for 5 seconds to store current settings to the lens preset selected.
Brightness_<Up/Down>	D	Press to adjust brightness.
Contrast_<Up/Down>	D	Press to adjust contrast.
Lamp_Mode_*	D	Pulse to select the lamp mode..
{{TCP/IP_Client_>>_Connect-F}}	D	Connect to "Connect-F" output of TCP/IP Client definition.
{{TCP/IP_Client_>>_status}}	A	Connect to "status" output of TCP/IP Client definition.
{{TCP/IP_Client_>>_RX\$}}	S	Connect to "RX\$" output of TCP/IP Client definition.

FEEDBACK:

Power_Is_<On/Off>	D	Indicates that the power is on or off.
Input_Is_*	D	Indicates which input is selected.

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Aspect_Is_*	D	Indicates which aspect is selected.
PIP_Mode_Is_<Off/PIP/PAP/POP>	D	Indicates the current PIP mode.
PIP_Input_Is_*	D	Indicates the current PIP input.
PIP_Size_Is_<Small/Medium/Large>	D	Indicates the current PIP size.
PIP_Position_Is_*	D	Indicates the current PIP position.
PIP_Position_Is_Custom	D	Indicates that the PIP position is set to custom.
PIP_H_Position_Gauge	A	Indicates the custom PIP horizontal position for a gauge object.
PIP_H_Position_Text	S	Indicates the custom PIP horizontal position for an indirect text field.
PIP_V_Position_Gauge	A	Indicates the custom PIP vertical position for a gauge object.
PIP_V_Position_Text	S	Indicates the custom PIP vertical position for an indirect text field.
*3D_Is_<On/Off>	D	Indicates that 3D is currently on or off.
*3D_Mult_Is_<1X/2X/3X>	D	Indicates the 3D multiplier value selected.
3D_Format_Is_	D	Indicates the 3D format that is selected.
*3D_Darktime_Is_<0us/650us/1300us/7500us>	D	Indicates the 3D darktime that is selected.
*3D_Polarity_Is_<Pos/Neg>	D	Indicates the 3D polarity that is selected.
*3D_Dominance_Is_<Left/Right>	D	Indicates the 3D dominance setting.
*3D_SDI_Stream_Is_<1/2>	D	Indicates the 3D SDI stream setting.
Shutter_Is_<Open/Close>	D	Indicates that the shutter is currently open or closed.
Freeze_Is_<On/Off>	D	Indicates that freeze is currently on or off.
Lens_Preset_<1-10>_Is_Selected	D	Indicates that a lens preset is selected.
Brightness_Gauge	A	Indicates the brightness setting for a gauge object.
Brightness_Text	S	Indicates the brightness setting for an indirect text field.
Contrast_Gauge	A	Indicates the contrast setting for a gauge object.
Contrast_Text	S	Indicates the contrast setting for an indirect text field.

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Lamp_Mode_Is_*	D	Indicates the current lamp mode setting.
Lamp_<1-4>_Hours_Text	S	Indicates the current lamp hours.
Lamp_<1-4>_Strikes_Text	S	Indicates the number of lamp strikes.
Please_Wait	D	Use to display a "Please Wait" subpage.
Is_Connected	D	Indicates that the processor is connected to the projector.
Connection_Status_Text	S	Indicates the connection status text.
{{Connect_>>_TCP/IP_Client}}	D	Connect to "Connect" input of TCP/IP Client definition.
{{TX\$_>>_TCP/IP_Client}}	S	Connect to "TX\$" input of TCP/IP Client definition.

PARAMETERS:

Port_Number	A	Port Number for TCP/IP connection.(Used for System Builder Only). Should be 7000d.
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TESTING:

OPS USED FOR TESTING:	2-Series: v4.007.0005 3-Series: v1.008.0040
SIMPL WINDOWS USED FOR TESTING:	v4.02.38
DEVICE DB USED FOR TESTING:	v55.00.002.00
CRES DB USED FOR TESTING:	v44.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	v889
SAMPLE PROGRAM:	2 Series: Digital Projection Titan IP v2.0 Demo PRO2.smw 3 Series: Digital Projection Titan IP v2.0 Demo CP3.smw
REVISION HISTORY:	v2.0