

Partner: Digital Projection
 Model: E-Series WXGA 600
 Device Type: DLP Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Digital Projection E-Vision WXGA 600 PJLink v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module will control and/or report Power, Source Select, AV/Mute, Lamp Status and Error Status usage via TCP/IP using the standard PJLink protocol.
GENERAL NOTES:	<p>PJLink is a unified standard for controlling data projectors. This module will connect to the projector via TCP/IP only when a command or query is to be sent.</p> <p>IMPORTANT: If the TCP/IP connection between the projector and Crestron processor is lost in the middle of a command or query sequence, the PJLink communications will no longer function, even if the TCP/IP connection is reestablished. Recycling the projector power via its hard switch will resolve this issue.</p> <p>NOTE: This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2NENET-1, C2NENET-2
SETUP OF CRESTRON HARDWARE:	TCP/IP Port 4352d is used.
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	N/A

CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn power on or off.
Input_*	D	Pulse to select input.
Video_Mute_<On/Off/Toggle>	D	Pulse to turn video mute on or off.
Audio_Mute_<On/Off/Toggle>	D	Pulse to turn audio mute on or off.
Video/Audio_Mute_<On/Off/Toggle>	D	Pulse to turn video and audio mute on or off.
{{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.
{{TCP/IP_Client_>>_RX\$}}	S	To be connected to the "RX\$" input on the TCP/IP client definition.

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FEEDBACK:

Power_Is_<On/Off>	D	Indicates the current power state.
Is_Warming_Up	D	Indicates that the projector is warming up.
Is_Cooling_Down	D	Indicates that the projector is cooling down.
Input_Is_*	D	Indicates the current input.
Video_Mute_Is_<On/Off>	D	Indicates the current video mute status.
Audio_Mute_Is_<On/Off>	D	Indicates the current audio mute status.
Video/Audio_Mute_Is_<On/Off>	D	Indicates the current video/audio mute status.
Lamp_1_Is_<On/Off>	D	Indicates the current lamp 1 on/off status.
Lamp_2_Is_<On/Off>	D	Indicates the current lamp 2 on/off status.
Lamp_<1/2>_Hours_Text	S	Text field displaying the projector's current lamp hours
Fan_<OK/Warning/Error>_Is_Active	D	Indicates the fan status.
Lamp_<OK/Warning/Error>_Is_Active	D	Indicates the lamp status.
Temperature_<OK/Warning/Error>_Is_Active	D	Indicates the temperature status.
Cover_<OK/Warning/Error>_Is_Active	D	Indicates the cover status.
Filter_<OK/Warning/Error>_Is_Active	D	Indicates the filter status.
No_Other_Warnings_Are_Active	D	Indicates that there aren't any miscellaneous warnings active.
Other_<Warnings/Errors>_Are_Active	D	Indicates that miscellaneous warnings or errors are active.
Connected	D	High to indicate that there is an IP connection present.
Connection_Status_Text	S	Text field displaying current connection status.
PJLink_Is_Active	D	Indicates that projector control is functioning.
{{Connect_>>_TCP/IP_Client}}	D	To be connected to the "Connect" output on the TCP/IP client definition.
{{TX\$_>>_TCP/IP_Client}}	S	To be connected to the "TX\$" output on the TCP/IP client definition.

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**PARAMETERS:**

Port_Number	A	This parameter is used by System Builder and has no effect when this module is being used in a program developed in Simpl Windows. Default is 4352d.
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TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.44
DEVICE DB USED FOR TESTING:	31.05.005.00
CRES DB USED FOR TESTING:	23.05.010.01
SYMBOL LIBRARY USED FOR TESTING:	690
SAMPLE PROGRAM:	Digital Projection E-Vision WXGA 600 PJLink v1.0 Demo PRO2
REVISION HISTORY:	v1.0 – Original release.