

**Partner: Promethean**  
**Model: PRM-30**  
**Device Type: Projector**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Promethean PRM-30 IP v1.1
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.1
<b>SUMMARY:</b>	This module controls the Promethean PRM-30 video projector via TCP/IP.
<b>GENERAL NOTES:</b>	This module provides control and true feedback for the Promethean PRM-30 video projector via TCP/IP. It relies on feedback from the projector, so 2-way communication is required.
<b>CRESTRON HARDWARE REQUIRED:</b>	C2ENET-1/2
<b>SETUP OF CRESTRON HARDWARE:</b>	TCP/IP Port: 10000d
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	Ethernet

## CONTROL:

<b>Power_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the power on and off.
<b>Input_&lt;Computer_1/Computer_2/HDMI/Video/S-Video&gt;</b>	D	Pulse to select the desired input.
<b>Input_Computer_1_*</b>	D	Pulse to select the desired signal type for input computer 1.
<b>Picture_Mute_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the picture mute on and off.
<b>Aspect_Ratio_*</b>	D	Pulse to select the desired aspect ratio.
<b>Image_*</b>	D	Pulse to select the desired image setting.
<b>Freeze_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the freeze function on and off.
<b>Volume_&lt;Up/Down&gt;</b>	D	Press and hold to adjust the volume.
<b>Volume_Mute_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the volume mute on and off.
<b>Digital_Zoom_&lt;In/Out&gt;</b>	D	Press and hold to adjust the digital zoom.

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Keystone_<Up/Down>	D	Press and hold to adjust the keystone setting.
Menu_<On/Off>	D	Pulse to turn the on-screen menu on and off.
Pointer_<Up/Down/Left/Right>	D	Pulse to move through the on-screen menu.
Enter	D	Pulse to select the highlighted item.
Auto_PC_Adjust	D	Pulse to start the auto pc function.
Poll_Enable	D	Hold high to enable polling.
{{TCP/IP_Client_>>_Connect-F}}	D	Signal to be routed from the Connect-F output on the TCP/IP client.
{{TCP/IP_Client_>>_status}}	A	Analog signal to be routed from the status output on the TCP/IP client.
{{TCP/IP_Client_>>_RX\$}}	S	Serial signal to be routed from the RX\$ output on the TCP/IP client.

### FEEDBACK:

Power_Is_<On/Off>	D	High to indicate the current power state.
Projector_Is_<Warming_Up/Cooling_Down>	D	High to indicate that the projector is warming up or cooling down.
Error_Power_Failure	D	High to indicate that there was a power failure error.
Error_Cooling_Down_Abnormal_Temperature	D	High to indicate that there was a temperature warning and the projector is cooling down.
Error_Power_Saving_Cooling_Down	D	High to indicate that the projector is cooling down due to power save.
Error_Power_Saving	D	High to indicate that the projector has powered off due to power saving.
Error_Cooling_Down_Lamp_Failure	D	High to indicate that the projector is cooling down after a power off due to a lamp failure.
Input_Is_*	D	High to indicate the currently selected input.
Input_Computer_1_Is_*	D	High to indicate the current signal type setting for input computer 1.
Picture_Mute_Is_<On/Off>	D	High to indicate the current picture mute state.
Aspect_Ratio_Is_*	D	High to indicate the currently selected aspect ratio.
Image_Is_*	D	High to indicate the currently selected image mode.

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Freeze_Is_<On/Off>	D	High to indicate the current freeze function state.
Volume_Level_Gauge	A	Analog signal indicating the current volume level.
Volume_Mute_Is_<On/Off>	D	High to indicate the current volume mute state.
Lamp_Hours_Text	S	Serial signal indicating the current lamp hours.
{{Connect_>>_TCP/IP_Client}}	D	Digital signal to be routed to the Connect input on the TCP/IP client.
{{TX\$_>>_TCP/IP_Client}}	S	Serial signal to be routed to the TX\$ input on the TCP/IP client.

### PARAMETERS:

Network PIN	P	Enter the Network PIN number.
Port	P	Enter the TCP/IP port to be used to control the projector. Default is 10000d.

### TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.44
CRESTRON DB USED FOR TESTING:	23.05.010.01
DEVICE DB USED FOR TESTING:	31.05.005.00
SAMPLE PROGRAM:	Promethean PRM-30 IP v1.1
REVISION HISTORY:	V. 1.1 – Original release.