PureLink™

Purelink VIP – 200 and 300 RX Control Help

Introduction: This module is intended to provide the ability to connect TX to RX device , send and receive serial data to and from external devices, and Control Video wall functions of connected RX.

Programming Guide

This section describes all inputs, outputs, and parameters found on the module.

Connect	D	Establishes connection to RX device as long as Connect is Held. Disconnects on release.
Poll	D	Pulse to retrieve the current input assignment.
Input_Value	A	The values are from 0 – 255 for 256 inputs available. Input updates on change.
Serial_Data_In$	S	Serial strings sent to this input will be transmitted on the RX serial connector to the external device at the Baudrate in the Parameter field.
Connected	D	When signal is High module is connected to RX.
Input_Value Fb	A	Current Input selected.
Serial_Data_Out$	S	Return string from external device.
System_Type	P	This is a drop down with two choices VIP200RX or VIP300RX. Select which system time you are controlling.
IP_Address	P	IP address of RX you wish to connect to.
Baudrate	P	Baud rate of the external device.
Listen_Miliseconds	P	Time to hold port open to listen for a response from the external device.

Sample 2x2 Grid Row and Column Position values

1,1	1,2
2,1	2,2

Below Inputs and Outputs are only for VIP-300RX		
[enable_Video_Wall]	D	Hold High to enable video wall function in VIP-300RX
[Update_Video_Wall]	D	Update settings to current input values
[Column_Monitor_Count]	A	Sets number of Columns. Values are from 1 – 8. Applied after Update_Video_Wall goes high.
[Row_Monitor_Count]	A	Sets number of Rows. Values are from 1 – 8. Applied after Update_Video_Wall goes high.
[Monitor_Row_Position]	A	Sets Row value of the connected RX is in the video wall. Values are from 1 – 8. Applied after Update_Video_Wall goes high.
Monitor_Column_Position]	A	Sets Column value of the connected RX is in the video wall. Values are from 1 – 8. Applied after Update_Video_Wall goes high.
[Column_Monitor_Count_Fb]	A	Current Column count of connected RX.
[Row_Monitor_Count_Fb]	A	Current Row count of connected RX.
[Monitor_Row_Position_Fb]	A	Current Row Position of connected RX.
Monitor_Column_Position_Fb]	A	Current Column Position of connected RX.

Revision History:

v1.0
• Initial Release.