MuxLab ProDigital

This driver is for the MuxLab ProDigital Series HDMI over IP.

This driver was developed and tested with a ProDigital Network Controller (500811), and various ProDigital Output(RX) and Input(TX) IP Extender devices.

Revision History

1.0   The Initial release of the driver

Connection

Network (TCP) Connection

The Ethernet connection on the ProDigital Network Controller (500811) should be connected to the network.

TCP Address - It is recommended the ProDigital Network Controller (500811) be set to a static IP address or entered in the MAC address reservation table of the network router if available.

TCP Port - The default port for control is set to port 80.

TCP Admin Password - Enter the administrator password used for logging into the ProDigital Network Controller (500811). The default is admin.

Naming Configuration

Use Driver Names

Enable to use names in driver configuration. If enabled, names will also be pushed to ProDigital Network Controller (500811). If disabled names will be acquired from the ProDigital Network Controller (500811) for text variables.

Output Configuration

Output Count

Enter the number of output devices (RX devices) setup in the system. Up to 128 output devices are supported.

Output Name

Enter the name to be used for the specified output device. If the Use Driver Names parameter is checked, these names will be pushed to the devices upon initialization.

Output Port Number

Enter the port number assigned to the specified output device during the setup of the ProDigital Network Controller (500811).

Input Configuration

Input Count

Enter the number of input devices (TX devices) setup in the system. Up to 64 input devices are supported.

Input Name

Enter the name to be used for the specified input device. If the Use Driver Names parameter is checked, these names will be pushed to the devices upon initialization.

<u>**Input Port Number**</u>
Enter the port number assigned to the specified input device during the setup of the ProDigital Network Controller (500811).

Preset Configuration
<u>**Preset Count**</u>
Enter the number of presets setup in the system. Up to 128 presets are supported.

<u>**Preset Name**</u>
Enter the name to be used for the specified preset. These names are only used for Integration Designer and GUI use. They will **NOT** be pushed to the ProDigital Network Controller (500811).

<u>**Preset ID**</u>
Enter the preset ID assigned to the specified preset during the setup of the ProDigital Network Controller (500811).

Video Wall Configuration
<u>**Video Wall Configuration Count**</u>
Enter the number of video wall configurations setup in the system. Up to 128 configurations are supported.

<u>**Configuration Name**</u>
Enter the name to be used for the specified configuration. These names are only used for Integration Designer and GUI use. They will **NOT** be pushed to the ProDigital Network Controller (500811).

<u>**Configuration ID**</u>
Enter the configuration ID assigned to the specified video wall configuration during the setup of the ProDigital Network Controller (500811).

Driver Notes
- Variables are provided for output names, routes, connection status, and initialization status.

- Events are provided for output routes, connection status, and initialization status.

- Functions are provided for changing output routes, preset recalling, video wall configuration recalling, and sending HEX/Ascii serial commands through output and input devices.

- Variables and events are **NOT** available for presets or video wall configurations with the exception of a name variable for the respective item.