

## GENERAL INFORMATION:

<b>SIMPLWINDOWS NAME:</b>	Liberty-INT-xxHDX
<b>CATEGORY:</b>	A/V Matrix switch
<b>VERSION:</b>	1.00
<b>SUMMARY:</b>	These Crestron drivers provide two-way control of the Liberty-INT-xxHDX video matrices via TCP/IP, or RS232.
<b>GENERAL NOTES:</b>	All signals/parameters listed supported for both TCP/IP and R232, unless otherwise stated.
<b>CRESTRON HARDWARE REQUIRED:</b>	Any Ethernet-enabled series 3 processor.
<b>SETUP OF CRESTRON HARDWARE:</b>	N/A
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	The matrix should be installed, configured and tested according to Liberty documentation prior to integration with this driver
<b>CABLE DIAGRAM:</b>	N/A

## CONTROL:

<b>SERIAL_RX*</b>	S	Serial command received from device
<b>POWER_CONTROL</b>	A	Control for system command (0 = reboot, 1 = wake, 2 = standby)
<b>PANEL_LOCK_CONTROL</b>	A	Control for system front panel lock (0 = locked, 1 = unlocked)
<b>OUTPUT_x</b>	A	Sets input value of output x
<b>AUDIO_x</b>	A	Sets digital volume setting of output x (0 = off, 1 = on)
<b>OUTPUT_CONTROL_x</b>	A	Routing status for output x (0 = closed, 1 = open, 2 = through)
<b>HDCP_CONTROL_x</b>	A	Switch for HDCP status of output x (0 = disabled, 1 = enabled)
<b>PRESET_CONTROL_x</b>	A	Control for preset x (0 = CLEAR, 1 = SAVE, 2 = RECALL)

*\*serial only*

## PARAMETERS:

<b>IP_ADDRESS*</b>	IP Address of matrix
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*\*IP only*

## FEEDBACK:

<b>CONNECTION_STATE</b>	D	Connected = 1, Disconnected = 0
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<b>CONNECTION_STATUS</b>	S	String description of connection state
<b>POWER_STATE</b>	A	Power status of device (1 = wake, 2 = standby)
<b>LOCK_STATE</b>	A	Panel lock status of device (0 = locked, 1 = unlocked)
<b>OUTPUT_FB_x</b>	A	The input currently connected to Output x
<b>AUDIO_CONTROL_FB_x</b>	A	The current digital volume setting of output x (0 = off, 1 = on)
<b>OUTPUT_CONTROL_FB_x</b>	A	The current routing status of output x (0 = closed, 1 = open, 2 = through)
<b>HDCP_CONTROL_FB_x</b>	A	The current HDCP status of output x (0 = disabled, 1 = enabled)
<b>SERIAL_TX*</b>	S	Serial command sent to device

*\*serial only*

## SUPPORT:

<b>CONTACT INFO:</b>	<p>For first line support, please contact the Liberty AV Solutions product support team:</p> <p>Email:           supportlibav@libav.com</p> <p>Tel:               (US) 800-530-8998</p>
<b>DISCLAIMER:</b>	<p>Janus Technology and LibertyAV assumes no responsibility or liability for pre-built drivers as they are intended for single switching DigitalinXIP video systems. The driver may or may not work for all projects. In situations where the driver is not suitable for the switching architecture, the driver cannot be adjusted for customized usage by Janus.</p>