GENERAL INFORMATION:

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

CONTROL:

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

*serial only

PARAMETERS:

IP_ADDRESS*	IP Address of matrix

*IP only

FEEDBACK:

CONNECTION_STATE	D	Connected = 1, Disconnected = 0

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

*serial only