Partner: SnapAV
Model: All DVR/NVR
Device Type: DVR/NVR

CRESTRON CERTIFIED INTEGRATED PARTNER

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Luma Navigation IP 310
CATEGORY:	DVR/NVR
VERSION:	1.0
SUMMARY:	This module controls a Luma DVR/NVR 310 Only via TCP/IP. Please refer to the Luma Navigation IP documentation for all other skus.
GENERAL NOTES:	This module was designed and tested with a LUM-310-NVR. The device's IP Address, username, and password must be obtained through the device itself and entered as parameters. Default username and password is admin, admin and the IP address can be found in the networking tab in the device's settings. This module supports an XPANEL 2.0 Smart Graphics control module via Ethernet. The Smart Graphics control module presents a GUI corresponding with the DVR/NVR's remote control functions.
CRESTRON HARDWARE REQUIRED:	3 Series processor is required.
SETUP OF CRESTRON HARDWARE:	TCP/IP on a per-request basis in SIMPL+. Module Parameters must be entered for the module to function.
VENDOR FIRMWARE:	V3.1.2, Build 150522 Set WEB Authentication to digest/basic in Security Settings. Disable CGI authentication in Advanced Network Settings.
VENDOR SETUP:	None
CABLE DIAGRAM:	None

CONTROL:

MENU	D	Goes to the menu (settings).
ESC	D	Returns from previous window. Changes from live mode to playback mode and vice versa.
PLAY	D	Goes to playback mode. Plays in playback mode.
PLAYSINGLE	D	Play forward, single frame
PREVIEW	D	Goes to live mode.
ZERO	D	Channel 10

CRESTRON

Certified Module

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ONE	D	Channel 1
TWO	D	Channel 2
THREE	D	Channel 3
FOUR	D	Channel 4
FIVE	D	Channel 5
SIX	D	Channel 6
SEVEN	D	Channel 7
EIGHT	D	Channel 8
NINE	D	Channel 9
LEFTARROW	D	Navigate left. Pre Button.
RIGHTARROW	D	Navigate right. Next Button.
UPARROW	D	Navigate up. Pre Button.
DOWNARROW	D	Navigate down. Next button.
ENTER	D	Enter current button.
PTZ	D	Go to PTZ control menu only for channel 1.
VIEW1	D	Enter single window live view or playback view.
VIEW4	D	Enter four window live view or playback view.
VIEW9	D	Enter nine window live view or playback view.
VIEW16	D	Enter sixteen window live view or playback view.
SEQUENCE	D	Start sequence
FULLSCREENON	D	Enter full screen
FULLSCREENOFF	D	Exit full screen
EDIT	D	Delete forward one character in current selected editing.
A	D	Switch type method when soft-keyboard pops up

F1	D	In list, select all items.
F2	D	Switch tab in secondary menu.
ZOOMPLUS	D	Zooms In
ZOOMMINUS	D	Zooms Out
FOCUSPLUS	D	Focuses In
FOCUSMINUS	D	Focuses Out
IRISPLUS	D	Iris In
IRISMINUS	D	Iris Out
SENDMOTIONEMAIL_DIS_ALL	D	Disable email for motion on all cameras
SENDMOTIONEMAIL_EN_ALL	D	Enable email for motion on all cameras
SENDMOTIONEMAIL_DIS[1-16]	D	Disable email for motion for camera x where x is 1-16
SENDMOTIONEMAIL_EN[1-16]	D	Enable email for motion for camera x where x is 1-16
SENDALARMEMAIL_DIS_ALL	D	Disable email for alarm on all cameras
SENDALARMEMAIL_EN_ALL	D	Enable email for alarm on all cameras
SENDALARMEMAIL_DIS[1-16]	D	Disable email for alarm for camera x where x is 1-16
SENDALARMNEMAIL_EN[1-16]	D	Enable email for alarm for camera x where x is 1-16
RECORDSCHEDULE_DIS_ALL	D	Disable record schedule for all cameras
RECORD_SCHEDULE_EN_ALL	D	Enable record schedule for all cameras
RECORDSCHEDULE_DIS[1-16]	D	Disable record schedule for camera x where x is 1-16
RECORDSCHEDULE_EN[1-16]	D	Enable record schedule for camera x where x is 1-16
PRIVACYMASK_DIS[1-16]	D	Disable privacy mask for camera x where x is 1-16
PRIVACYMASK_EN[1-16]	D	Enable privacy mask for camera x where x is 1-16
SET_CAMERA	A	Sets the camera number you'd like to switch the preset on. 1-16
SET_PRESET	A	Sets the preset number you'd like to recall. 1-255

PARAMETER:

Device_ip$	S	IP Address of DVR/NVR
Username$	S	Username for DVR/NVR Device
Password$	S	Password for DVR/NVR Device

TESTING:

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.02.65
DEVICE DB USED FOR TESTING:	65.05.003.00
CRES DB USED FOR TESTING:	51.05.007.00
SYMBOL LIBRARY USED FOR TESTING:	944
SAMPLE PROGRAM:	Luma Navigation IP Demo
REVISION HISTORY:	V1.0 – Original Release

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