

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



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Luma Navigation 232
<b>CATEGORY:</b>	DVR/NVR
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls a Luma DVR/NVR via RS232
<b>GENERAL NOTES:</b>	<p>This module was designed and tested with a WPS-500-NVR-4CH.</p> <p>This module supports an XPANEL 2.0 Smart Graphics control module and Serial Module. The Smart Graphics control module presents a GUI corresponding with the DVR/NVR's remote control functions and the Serial module is used to pass data through RS232.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	3 Series processor is required.
<b>SETUP OF CRESTRON HARDWARE:</b>	
<b>VENDOR FIRMWARE:</b>	V3.1.2, Build 150522
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	None

## CONTROL:

<b>MENU</b>	D	Goes to the menu (settings).
<b>ESC</b>	D	Returns from previous window. Changes from live mode to playback mode and vice versa.
<b>PLAY</b>	D	Goes to playback mode. Plays in playback mode.
<b>PREVIEW</b>	D	Goes to live mode.
<b>ZERO</b>	D	Channel 10
<b>ONE</b>	D	Channel 1
<b>TWO</b>	D	Channel 2
<b>THREE</b>	D	Channel 3
<b>FOUR</b>	D	Channel 4
<b>FIVE</b>	D	Channel 5

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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.
SNAPSHOT	D	Snapshot the current preview channel.
STARTREC	D	Start recording the current preview channel.
STOPREC	D	Stop recording the current preview channel.
SEARCHON	D	Open search menu.
SEARCHOFF	D	Close search menu.
LISTON	D	Open list menu.
LISTOFF	D	Close list menu.
MUTEON	D	Disable audio
MUTEOFF	D	Enable audio
PREEVENT	D	Playback the previous event in either live view or playback view.
NEXTEVENT	D	Playback the next event only in playback view.
JUMPBACK	D	Reverse 15 seconds
JUMPFORWARD	D	Forward 15 seconds
GOTOLIVE	D	Goes to live view

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PLAYREVERSE	D	Plays in reverse
PLAYPAUSE	D	Pause
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
HELP	D	Goes to help menu.
POWER	D	Power off
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

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**PARAMETER:**


**TESTING:**

<b>OPS USED FOR TESTING:</b>	RMC3 1.010.0060
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.02.65
<b>DEVICE DB USED FOR TESTING:</b>	65.05.003.00
<b>CRES DB USED FOR TESTING:</b>	51.05.007.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	944
<b>SAMPLE PROGRAM:</b>	Luma Navigation 232
<b>REVISION HISTORY:</b>	V1.0 – Original Release