

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



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Luma Navigation 232
CATEGORY:	DVR/NVR
VERSION:	1.1
SUMMARY:	This module controls a Luma DVR/NVR via RS232
GENERAL NOTES:	<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>
CRESTRON HARDWARE REQUIRED:	3 Series processor is required.
SETUP OF CRESTRON HARDWARE:	
VENDOR FIRMWARE:	V3.1.2, Build 150522
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.
PREVIEW	D	Goes to live mode.
ZERO	D	Channel 10
ONE	D	Channel 1
TWO	D	Channel 2
THREE	D	Channel 3
FOUR	D	Channel 4
FIVE	D	Channel 5

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



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

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



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
PAUSE	D	Pause
PLAYFWD_1X	D	Play forward, 1x speed
PLAYFWD_2X	D	Play forward, 2x speed

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



PLAYFWD_4X	D	Play forward, 4x speed
PLAYFWD_8X	D	Play forward, 8x speed
PLAYREV_1X	D	Play reverse, 1x speed
PLAYREV_2X	D	Play reverse, 2x speed
PLAYREV_4X	D	Play reverse, 4x speed
PLAYREV_8X	D	Play reverse, 8x speed
ARCHIVEON	D	Open archive/export menu
ARCHIVEOFF	D	Close archive/export menu
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

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

**PARAMETER:**

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 232
REVISION HISTORY:	V1.1 – Added commands, fixed bugs V1.0 – Original Release