

ANALOG WAY
 LiveCore™ – Crestron 2-series & 3-series
 MODULE MONITORING

CONTACT SUPPORT

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NOTES:	Driver version V3.01, compatible with LiveCore™ Firmware v4.00.x or above
HAND-IN DATE:	January 3, 2017

GENERAL INFORMATION

SIMPLWINDOWS NAME:	LiveCore_Monitoring_V3.01
CATEGORY:	Logic
VERSION:	Driver version V3.01
SUMMARY:	This is an optional module for controlling LiveCore™ series processors. It allows you to control the standard features of a monitoring output for: <ul style="list-style-type: none"> - a LiveCore™ processor (master device) - a LiveCore™ Expansion module (slave device) - a linked LiveCore™ processor (slave device) linked to a master device One MONITORING module must be implemented in your project for each monitoring output controlled.
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	3-series processor
SETUP OF CRESTRON HARDWARE:	
VENDOR FIRMWARE:	LiveCore™ firmware v4.00.x or above
VENDOR SETUP:	
CABLE DIAGRAM:	TCP-IP

ANALOG WAY
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 MODULE MONITORING

CONTROL: Inter_connect_Modules

From_Module_Main	S	To be connected to the main module (LiveCore_Main)
Refresh_All	D	Pulse for module initialization

CONTROL: General

Preset_Load_Set	A	Load a monitoring preset from memory (1=>8)
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CONTROL: Full screen

Full_Screen_Mode_PB	D	Pulse to enable full screen mode on the monitoring output
Full_Screen_Source_Set	A	Select the source displayed by the monitoring output when full screen mode is enabled. See table below for values

CONTROL: Mosaic screen - X is the widget index (1=>12)

Mosaic_PB	D	Pulse to enable Mosaic mode on the monitoring output
WidgetX_Source_Set	A	Select the source displayed by the monitoring widget X when Mosaic mode is enabled. See table below for values

ANALOG WAY
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 MODULE MONITORING

FEEDBACK : Inter_connect_Modules

To_Module_Main	S	To be connected to the main module (LiveCore_Main)
Message_Txt	S	Status message to be displayed in user interface. To be connected to the main module (LiveCore_Main)
Refresh_In_Progress_FB	D	Module initialization in progress
Refresh_All_OS	D	To be connected to next module for daisy chain initialization

FEEDBACK : General - X is the monitoring preset index (1=>8)

Preset_Active_FB	A	Monitoring Preset index loaded from memory (1=>8)
Monitoring_Preset_Loading_FB	D	1 if a monitoring Preset is being loaded from memory
HDCP_State_FB	D	Monitoring output HDCP status
PresetX_Available_FB	D	1 if the monitoring Preset index X is available
PresetX_Max_Widget_Available_FB	A	Maximum number of mosaic widgets available in the system when monitoring Preset index X was created (0=>12)
PresetX_Width_FB	A	Monitoring output width (in pixel) defined for Preset index X
PresetX_Height_FB	A	Monitoring output height (in pixel) defined for Preset index X

FEEDBACK : Full screen

Full_Screen_Mode_FB	D	1 if full screen mode is enabled on the monitoring output
Full_Screen_Source_FB	A	Index of source displayed by the monitoring output when full screen mode is enabled. See table below for values

ANALOG WAY
LiveCore™ – Crestron 2-series & 3-series
MODULE MONITORING

FEEDBACK : Mosaic screen - X is the widget index (1=>12)

Mosaic_FB	D	1 if Mosaic mode is enabled on the monitoring output
WidgetX_Source_FB	A	Index of the source displayed by the monitoring widget X when Mosaic mode is enabled. See table below for values

PARAMETERS

Master_Slave	Param	Set the type of device controlled by this module ('Master ' for controlling the monitoring output of a Master device or 'Slave' for controlling the monitoring output of a slave device
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ANALOG WAY
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 MODULE MONITORING

Monitoring sources	
1	Input 1 of Master Device
2	Input 2 of Master Device
3	Input 3 of Master Device
4	Input 4 of Master Device
5	Input 5 of Master Device
6	Input 6 of Master Device
7	Input 7 of Master Device
8	Input 8 of Master Device
9	Input 9 of Master Device
10	Input 10 of Master Device
11	Input 11 of Master Device
12	Input 12 of Master Device
13	Input 1 of Slave Device
14	Input 2 of Slave Device
15	Input 3 of Slave Device
16	Input 4 of Slave Device
17	Input 5 of Slave Device
18	Input 6 of Slave Device
19	Input 7 of Slave Device
20	Input 8 of Slave Device
21	Input 9 of Slave Device
22	Input 10 of Slave Device
23	Input 11 of Slave Device
24	Input 12 of Slave Device
25	Frame 1 of Master Device
26	Frame 2 of Master Device
27	Frame 3 of Master Device
28	Frame 4 of Master Device
29	Frame 1 of Slave Device
30	Frame 2 of Slave Device

Monitoring sources	
31	Frame 3 of Slave Device
32	Frame 4 of Slave Device
33	Logo 1 of Master Device
34	Logo 2 of Master Device
35	Logo 3 of Master Device
36	Logo 4 of Master Device
37	Logo 1 of Slave Device
38	Logo 2 of Slave Device
39	Logo 3 of Slave Device
40	Logo 4 of Slave Device
41	Screen 1
42	Screen 2
43	Screen 3
44	Screen 4
45	Screen 5
46	Screen 6
47	Screen 7
48	Screen 8
49	Preview 1
50	Preview 2
51	Preview 3
52	Preview 4
53	Preview 5
54	Preview 6
55	Preview 7
56	Preview 8