

Partner: Lifesize
Model: Icon 800
Device Type: Codec



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Lifesize Icon 800 v1.7
CATEGORY:	Conferencing
VERSION:	v1.7
SUMMARY:	This module will control the Lifesize Icon 400, Icon 600 or Icon 800 via TCP/IP.
GENERAL NOTES:	This module will control the Lifesize Icon 400, Icon 600 or Icon 800 via TCP/IP. Note: This is a 3-Series only module.
CRESTRON HARDWARE REQUIRED:	3-Series Processor w/Ethernet port
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	LS_RM3_2.9.0
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

CONTROL:

IR_Remote_<Up/Down/Left/Right>	D	Pulse to navigate the on screen menu.
IR_Remote_Select	D	Pulse to select the highlighted item in the on screen menu.
IR_Remote_Mute	D	Pulse to turn the mic mute on or off.
Volume_<Up/Down>	D	Press to adjust the volume level.
Mic_Mute_<On/Off/Toggle>	D	Pulse to turn mic mute on or off.
Hang_Up_Caller_<1/2>	D	Pulse to disconnect caller 1 or 2.
Dial	D	Pulse to dial call.
Hang_Up_All	D	Press to hang up all.
Answer	D	Press to answer incoming call.
Reject	D	Press to reject incoming call.
Cancel_Call	D	Press to cancel dialed call.

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Select_Hangup_Caller	D	Press to display list of remote endpoints in call.
Select_Dial_Keypad	D	Press to display dial keypad.
Select_Camera_Controls	D	Press to display camera controls.
Select_Far_Camera_Controls	D	Pulse to display far camera controls subpage.
Select_IR_Functions	D	Pulse to display IR functions subpage.
Select_Inputs	D	Pulse to display select inputs subpage.
Select_Directory	D	Pulse to display directory subpage.
Select_DTMF	D	Pulse to display DTMF subpage.
DTMF_*	D	Pulse to send out DTMF tones while in a call.
<Start/Stop>_Presentation	D	Pulse to start or stop a presentation.
Presentation_Layout	D	Pulse to scroll through the available presentation layouts.
Keyboard_Clear	D	Pulse to clear the number dial text field.
Keyboard_*	D	Pulse to enter number to dial.
Keyboard_Backspace	D	Pulse to delete the rightmost character in the number dial text field.
Numeric_Keypad_*	D	Pulse to enter number to dial.
<Display/Hide>_Keyboard	D	Pulse to enter number to dial.
Camera_*	D	Press to adjust the local camera.
Camera_Preset_<1-19>	D	Pulse to recall preset. Press and hold to store current camera position as the selected preset.
Clear_Remotely_Disconnected_Subpage	D	Pulse to hide the remotely disconnected subpage.
Dual_Video_<On/Off/Toggle>	D	Pulse to turn dual video on or off.
Do_Not_Disturb_<On/Off/Toggle>	D	Pulse to turn do not disturb on or off.
Auto_Answer_<On/Off/Toggle>	D	Pulse to turn auto answer on or off.
Auto_Answer_Mute_<On/Off/Toggle>	D	Pulse to turn auto answer mute on or off.
Video_Mute_<On/Off/Toggle>	D	Pulse to turn video mute on or off.

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PIP_<On/Off/Toggle>	D	Pulse to turn pip on or off.
Call_Type_<Voice/Video/Auto>	D	Pulse to set call type.
Protocol_<H323/SIP/Auto>	D	Pulse to set the protocol.
Bitrate_Auto	D	Pulse to set bitrate to auto.
Bitrate_*_kpbs	D	Pulse to set bitrate to a specific value.
Presentation_Input_*	D	Pulse to set presentation input.
Camera_Switch_*	D	Pulse to select camera.
Camera_Far_*	D	Press to adjust the far end camera.
Directory_List_Select_<1-20>	D	Pulse to select item in the directory list.
Directory_List_Top	D	Pulse to go to top of directory list.
Directory_List_Page_<Up/Down>	D	Pulse to scroll through directory list.
Dial_Directory_Call	D	Pulse to dial selected entry in directory list.
Search_Keyboard_Clear	D	Pulse to clear the search text field.
Search_Keyboard_*	D	Pulse to enter search text.
Search_Keyboard_Backspace	D	Pulse to delete the rightmost character in the search text field.
Select_Directory_Search	D	Pulse to display the directory search keyboard subpage.
Clear_Directory_Search_Keyboard	D	Pulse to hide the directory search keyboard subpage.
Initialize	D	Pulse to initialize communications with the Lifesize unit.
Get_Directory	D	Pulse to get the local, LDAP or Lifesize Cloud directory.
<Local/LDAP/Lifesize_Cloud>_Directory	D	Set to 1 to enable one of the directories. Whichever one is selected, the others must be set to 0. Only ONE of these input signals MUST be set to 1.
Sleep	D	Pulse to put the Lifesize unit into sleep mode.
Wake	D	Pulse to get the Lifesize unit out of sleep mode.
Enable_Debug	D	Set high to enable debug signals in text console.

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FEEDBACK:

Volume_Level	D	Displays current volume level.
Mic_Mute_Is_<On/Off>	A	Indicates current mic mute status.
Call_Number_<1/2>_Text	A	Displays endpoints in the current call.
Number_Text	A	Displays the current dial text.
Show_Dialing_Subpage	S	Displays the dialing subpage.
Show_Remotely_Disconnected_Subpage	S	Displays the remotely disconnected subpage.
Show_Call_Failed_Subpage	S	Displays the call failed subpage.
Show_Incoming_Call_Subpage	S	Displays the incoming call subpage.
Display_Camera_Controls_Subpage	D	Displays the camera controls subpage.
Display_Far_Camera_Controls_Subpage	D	Displays the far end camera controls subpage.
Show_Hangup_Subpage	D	Displays the show hangup subpage.
Display_IR_Functions_Subpage	D	Displays the IR functions subpage.
Display_Inputs_Subpage	D	Displays the input selection subpage
Display_Directory_Subpage	D	Displays the directory subpage.
Display_DTMF_Subpage	S	Displays the DTMF subpage.
Incoming_Call_Name_Text	D	Displays the incoming call text.
Incoming_Call_Address_Text	D	Displays the incoming call address text.
Multiple_Calls	D	Indicates that there are multiple calls connected.
Presentation_Is_Started	D	Indicates that the presentation has started.
Presentation_Is_Stopped	D	Indicates that the presentation has stopped.
Presentation_Transmitting	D	Indicates that the presentation has stopped.
Presentation_Receiving	S	Indicates that the presentation has stopped.
Presentation_Local	D	Indicates that the presentation has stopped.

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Presentation_Inactive	D	Indicates that the presentation has stopped.
Call_Is_Connected	D	Indicates that the call is connected.
Call_Is_Disconnected	D	Indicates that the call is disconnected.
Call_Connection_Status_Text	D	Displays the call connect status text.
Number_Text_In	D	Displays the number dial text.
Show_Keyboard	S	Displays the dial keyboard.
Show_Dial_Keypad	D	Displays the dial keypad.
Camera_Preset_Stored_Notice	D	Indicates that a camera preset was stored.
Dual_Video_Is_<On/Off>	D	Indicates that dual video is on or off.
Do_Not_Disturb_Is_<On/Off>	D	Indicates that do not disturb in on or off.
Auto_Answer_Is_<On/Off>	D	Indicates that auto answer is on or off.
Auto_Answer_Mute_Is_<On/Off>	D	Indicates that auto answer mute is on or off.
Video_Mute_Is_<On/Off>	S	Indicates that video mute is on or off.
PIP_Is_<On/Off>	D	Indicates that PIP is on or off.
Type_Text	D	Displays the call type.
Protocol_Text	D	Displays the protocol.
Bitrate_Text	D	Displays the bitrate.
Presentation_Input_Is_*	S	Indicates the current presentation input.
Camera_Switch_Is_*	D	Indicates the current camera switch selection.
Directory_List_<1-20>_Text	D	Lists the directory items text.
Directory_List_<1-20>_Text_Is_Active	D	Indicates if a directory item is selected.
Directory_List_Count_Text	D	Indicates the amount of directory entries available.
Search_Text_In	D	Displays the directory search text.
Show_Directory_Search_Keyboard	D	Displays the directory search keyboard.

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Is_Initializing	D	Indicates that the module initializing the unit and getting the current status.
Downloading_Directory	S	Indicates that the module is downloading either the local, LDAP or Lifesize Cloud directory.

PARAMETERS:

Endpoint_IP_Address	S	IP address of the unit being controlled.
Endpoint_Port_Number	A	IP port of the unit being controlled.
User_Name	S	Username used to connect to the unit.
Password	S	Password used to connect to the unit.
Number_Directory_Fields	A	Number of directory fields to display on the touchpanel (5d – 20d)

TESTING:

OPS USED FOR TESTING:	3-Series: v1.501.0013
SIMPL WINDOWS USED FOR TESTING:	v4.03.20
DEVICE DB USED FOR TESTING:	v73.05.002.00
CRES DB USED FOR TESTING:	v55.00.011.00
SYMBOL LIBRARY USED FOR TESTING:	v985
SAMPLE PROGRAM:	Lifesize Icon 800 v1.7 Demo PRO3.smw
REVISION HISTORY:	<p>v1.0 – Original release.</p> <p>v1.1 – Added control of all available cameras. Added control of the far end camera.</p> <p>v1.2 – Added special characters on keyboard. Resolve issue with some characters not displaying properly (i.e. ó, etc.).</p> <p>v1.3 – Added Lifesize Cloud as a directory source.</p> <p>v1.4 – Unreleased</p> <p>v1.5 – Unreleased</p> <p>v1.6 – Unreleased</p> <p>v1.7 – Added presentation source status. Added ability to enable debug tracing in real time. Added sleep/wake functionality.</p>