

**Partner: iRoom**  
**Model: iTop/iTop OnWall/touchDock**  
**Device Type: iPad Dock**

### GENERAL INFORMATION:

<b>SIMPLWINDOWS NAME:</b>	iRoom_iTop
<b>CATEGORY:</b>	Miscellaneous
<b>SUMMARY:</b>	This module will receive events from and control iRoom's iTop/iTop OnWall/touchDock iPad via TCP/IP.
<b>GENERAL NOTES:</b>	The module receives events (Button pushes and motion sensor) from the iTop which can then be used to trigger additional automation within the Crestron system. Additionally it can control the operation of the Lock and button LED backlight level.
<b>CRESTRON HARDWARE REQUIRED:</b>	Any Ethernet-enabled processor
<b>SETUP OF CRESTRON HARDWARE:</b>	Connect the Crestron processor to the same subnet as the iRoom iTop.
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	It is recommended that the iTop be installed, configured and tested by a suitably qualified engineer, according to iRoom documentation, prior to integration with Crestron.
<b>CABLE DIAGRAM:</b>	N/A

### CONTROL:

<b>[OpenLock]</b>	D	Open the Lock
<b>[CloseLock]</b>	D	Close the Lock
<b>[ToggleLock]</b>	D	Toggle the open/close state of the Lock
<b>[ShortBeep]</b>	D	Trigger the Dock to emit a short duration audible Beep (length determined by Parameter)
<b>[MediumBeep]</b>	D	Trigger the Dock to emit a medium duration audible Beep (length determined by Parameter)
<b>[LongBeep]</b>	D	Trigger the Dock to emit a long duration audible Beep (length determined by Parameter)
<b>[Set_LED_x]</b>	A	Set the LED backlight level for Button x

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### PARAMETERS:

IP ADDRESS	S	The IP address of the iTop. Default is 192.168.0.100
Port	S	The port to use. Default is 13601
ShortBeepDuration	T	Duration of a short duration audible Beep (in seconds)
MediumBeepDuration	T	Duration of a medium duration audible Beep (in seconds)
LongBeepDuration	T	Duration of a long duration audible Beep (in seconds)

### FEEDBACK:

[Status]	S	Text indicating current status, e.g. disconnected, ready, busy
[aStatus]	A	Numerical version of the status. 0 = Disconnected, 1 = Ready, 2 = Busy, 3 = Error
[Docked]	D	Docked Status of iPad
[Docked_Txt]	S	Docked Status Text of iPad
[Locked]	D	Active when lock is locked
[Locked_Txt]	S	Text value of locked state
[MotionDetected]	D	Active when a motion event triggers
[Button_x]	D	Active when Button_x is pressed
[LED_x_FB]	A	Feedback of current Button_x LED backlight level from 0 to 100

### TESTING:

OPS USED FOR TESTING:	MC4 v2.5000.00014
SIMPL WINDOWS USED FOR TESTING:	4.13.31
CRESTRON DB USED FOR TESTING:	203.00.001.00
DEVICE DB USED FOR TESTING:	200.45.003.00
SAMPLE PROGRAM:	iRoom_iTop_Demo.smw