

Manufacturer: Control Concepts Inc.

Model: WebConfig

Device Type: Utility

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GENERAL INFORMATION	
Q-SYS PLUGIN NAME	CCI WebConfig
VERSION	1.0
AUTHORED BY	Control Concepts, Inc.
SUMMARY	This Q-SYS Plugin creates an HTTP Webserver to host a Web interface.
GENERAL NOTES	<p>Licensing</p> <p>Hardware Token – Indicated the Unique Hardware token of the device the design is running on. Will display “EMULATING” if the design is being run in emulation mode.</p> <p>Order Token – Set the order token for the licensed plugin. This order token is generated and sent when a Plugin license is purchased.</p> <p>Authorization Token – Set the authorization token generated with the control Concepts License Manager. You will need the Order Token that was generated upon purchase and the Hardware Token found in the plugin when the design is run on the target Core.</p> <p>https://www.ccidev.net/licensing/</p> <p>Options</p> <p>Auto Start – Set to have plugin auto start the HTTP web server when the design is run.</p> <p>Enable Authentication – Set to use authentication for the Web interface portion of WebConfig.</p> <p>Enable Submit – Set to use a Submit button in the Web interface to submit all changes made to a page at the same time.</p>
DEVICE USED FOR TESTING	Q-SYS Core 110f (v9.8.0)

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INITIAL SETUP

PROPERTIES

Web Page Quantity: Select the number of web pages used in the configurator

Webpage # Name: Set name for a specific webpage.

Webpage # Widget Count: Set the number of widgets used on a specific page.

Webpage # Widget # Type: Set the type of a specific widget.

ESTABLISHING CONNECTION

Once the server is started, connect to the web configurator through a browser using the following address:

http://127.0.0.1:{PORT_NUMBER}/cws/cci/webconfig.

PORT_NUMBER will be the current Web Server Port listed in the plugin.



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PLUGIN CONTROLS (SETUP)

Setup Licensed	Indicates that the WebConfig plugin is licensed or not . [Output Boolean]
Setup ServerPort	Set the server port used for the HTTP server. [Input Number]
Setup ServerRunning	Indicates whether the HTTP server is running or not . [Output Boolean]
Setup ServerStart	Triggers the start of the HTTP server. [Input Boolean]
Setup ServerStop	Triggers the stopping of the HTTP server. [Input Boolean]
Disable	Sets whether the HTTP server can run or not. *Stops the server if already running [Input Boolean]

PLUGIN CONTROLS (WEBPAGE #)

Webpage # ConfigItem # Type	Indicates the type of widget that is being referenced. *Types are - Boolean, Number, String, List, or IP [Output String]
Webpage # ConfigItem # Value	Indicates the current value of the referenced widget. *Output is string regardless of widget type, use the ConfigItem Type when needing to cast to the appropriate type. [Output String]
Webpage # ConfigItem # IPAddress	Indicates the current value of the IP Address field. *Only available with the 'IP' widget type [Output String]
Webpage # ConfigItem # IPPort	Indicates the current value of the IP Port field. *Only available with the 'IP' widget type [Output String]

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WIDGET UI FIELDS (BOOLEAN)

Widget Type	Displays the widget type [String]
Widget Label	Set and indicate the widget name [String]
True Label	Set and indicate the label displayed when the value is True. [String]
False Label	Set and indicate the label displayed when the value is False. [String]
Default Value	Set and indicate the default value [Boolean]

PLUGIN CONTROLS (BOOLEAN)

Webpage Widget Configuration

Widget Type

Boolean

Widget Label

Demo Boolean

True Label

ON

False Label

OFF

Default Value

false

Configuration Values

false

WEBPAGE VIEW (BOOLEAN)

Demo Boolean

☐ ON
 ☒ OFF

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WIDGET UI FIELDS (NUMBER)

Widget Type	Displays the widget type [String]
Widget Label	Set and indicate the widget name [String]
Min Value	Set and indicate the minimum value for the widget [Number]
Max Value	Set and indicate the maximum value for the widget [Number]
Default Value	Set and indicate the default value for the widget [Boolean]

PLUGIN VIEW (NUMBER)

Webpage Widget Configuration

Widget Type

Widget Label

Min Value

Max Value

Default Value

Number

Demo Number

0

100

21

Configuration Values

42

WEBPAGE VIEW (NUMBER)

Demo Number

42

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WIDGET FIELDS (STRING)

Widget Type	Displays the widget type [String]
Widget Label	Set and indicate the widget name [String]
IsOptional	Set whether the widget requires text [Boolean]
IsPassword	Set whether the string is a password. Will obfuscate the string in web config
Default Value	Set and indicate the default value [String]
Max String Size	Set and indicate the maximum string size [Number]

PLUGIN CONTROLS (STRING)

Webpage Widget Configuration

Widget Type

Widget Label

IsOptional

IsPassword

Default Value

Max String Size

String

Demo String

false

true

admin

100

Configuration Values

secret_password

WEBPAGE VIEW (STRING)

Demo String

.....

Max Characters: 100

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WIDGET FIELDS (LIST)

Widget Type	Displays the widget type [String]
Widget Label	Set and indicate the widget name [String]
List Items	Set values that the list box will contain [Boolean]
Default Index	Set the default index that the list box uses. This must be within the range of the item count added via "List Items" [String]

PLUGIN CONTROLS (LIST)

Webpage Widget Configuration

Widget Type

Widget Label

List Items (Comma Separated Values)

Default Index

Configuration Values

List

Demo List

Value 1, Value 2, Value 3

1

Value 2

WEBPAGE VIEW (LIST)

Demo List

Value 2

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WIDGET FIELDS (IP)

Widget Type	Displays the widget type <i>[String]</i>
Widget Label	Set and indicate the widget name <i>[String]</i>
Default IP Address	The value entered here will be the default IP Address value for this item . <i>[String]</i>
Default IP Port	The value entered here will be the default IP Port value for this item <i>[String]</i>

PLUGIN CONTROLS (IP)

Webpage Widget Configuration

Widget Type

Widget Label

Default IP Address

Default IP Port

Configuration Values

IP

Demo IP

192.168.1.1

23

192.168.1.1:23

WEBPAGE VIEW (IP)

Demo IP

IP Address

192.168.1.1

IP Port

23

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ADDITIONAL INFORMATION

Change Log

V1.0 – Initial Release

Support

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