CRESTRON
HELP FILE DOCUMENT

Manufacturer:Barco N.V.
Model:ClickShare CSE-200
Device Type:System Control

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Barco ClickShare CSE-200
CATEGORY:	System Control
VERSION:	1.0
SUMMARY:	Controls the ClickShare CSE-200 device.
GENERAL NOTES:	This module is used to control a ClickShare CSE-200 via TCP/IP - HTTPS.
CRESTRON HARDWARE REQUIRED:	3-Series controller with Ethernet.
SETUP OF CRESTRON HARDWARE:	TCP/IP: Use port 4001(decimal). Provide the IP Address, IP Port, login and password to communicate with the ClickShare device.
VENDOR FIRMWARE:	01.03.01.0005
VENDOR SETUP:	Install and configure Barco ClickShare. "Remote Control via API" under Services should be enabled. Default API user/password is integrator/integrator
CABLE DIAGRAM:	None

CONTROL:

Signal/Function Name	D,S,A	Digital, Serial, Analog signal property definition.
LogCommunication	D	Pulse to activate the tracing the communication from and to the device.
GetModelName	D	Pulse to retrieve the model type of the device.
GetRoomName	D	Pulse to retrieve the name of the room configured in the device.
GetSerialNumber	D	Pulse to retrieve the serial number of the device.
GetFirmwareVersion	D	Pulse to retrieve the firmware version of the device.

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GetLanHostname	D	Pulse to retrieve the LAN hostname.
GetWLANSSID	D	Pulse to retrieve the Wireless LAN SSID.
GetDeviceInfoInUse	D	Pulse to retrieve if the device is in use. This means one or more buttons are streaming to the display.
GetNumberButtons	D	Pulse to retrieve the number of buttons that have been used.
GetDisplayStandbyState	D	Pulse to retrieve the current standby state of the display.
SetStandbyStateOn	D	Pulse to get the display out of standby.
SetStandbyStateOff	D	Pulse to set the display into standby.
ToggleStandbyState	D	Pulse to toggle the display standby state.
GetButtonTable	D	Pulse to retrieve the list of the first 10 buttons.
CS_IP_Address	S	Serial signal to set the IP address.
CS_IP_Port_Number	A	Serial signal to set the IP port. By default should be 4000 decimal.
CS_Login	S	Serial signal to set the user login. Default should be integrator.
CS_Password	S	Serial signal to set the user password. Default should be integrator.
ClearOutputs	D	Pulse to clear all output signals.

FEEDBACK:

ModelName$	S	Serial signal containing the model name.
RoomName$	S	Serial signal containing the room name.
SerialNumber$	S	Serial signal containing the serial number.
FirmwareVersion$	S	Serial signal containing the firmware version.
LanHostname$	S	Serial signal containing the LAN hostname.

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WLANSSID$	S	Serial signal containing the Wireless LAN SSID.
DeviceInfoInUse	D	High to indicate if the device is in use.
NrButtons	A	Indicates the number of buttons.
DisplayStandbyStateOn	D	High to indicate if the display is in Standby.
DisplayStandbyStateOff	D	High to indicate if the display is not in Standby.
NrConnectedButtons	A	Indicates the number of connected buttons.
ButtonConnected#	D	High to indicate if this button is connected.
ButtonSerial#	S	Serial signal containing the serial number of a button.
ButtonFW#	S	Serial signal containing the firmware of a button.
ButtonStatus#	S	Serial signal containing the status of a button.

TESTING:

OPS USED FOR TESTING:	1.501.0025
SIMPL WINDOWS USED FOR TESTING:	4.05.04
DEVICE DB USED FOR TESTING:	79.00.001.00
CRESTRON DB USED FOR TESTING:	59.00.002.00
SYMBOL LIBRARY USED FOR TESTING:	508
SAMPLE PROGRAM:	Barco ClickShare CSE-200 Demo CP3
REVISION HISTORY:	V. 1.0 – Original Release