Firmware Update Utility User Guide

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INTRODUCTION

The SmartCast Wireless Firmware Update Utility provides a secure, user-friendly method for a user of SmartCast Wireless Lighting Networks to conduct Firmware Updates of their networks.

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E)ev	ice Tab	ole																					
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	ddress	Device Type	Driver Type	Device Version	Smart Driver Version	Control Mode	Occ Group	Switch Group	Occupancy Sensitivity	Occupancy Timeout (s)	Occ Level (%)	Unocc Level (%)	Task Tune (%)	Color Temp (K)	Daylight Harvesting	Ambient Target	Daylighting Floor (%)	Device Update Status	Device Update Progress %					
	1	Intelligence Module	STYLUS Gen2	1.18.203	0.00.000	Manual_On	2	2	High	1200	100	0	100	N/A	Enabled	41	5		0					
	2	Super RF Module	Cadiant Skylight	1.18.203	1.10.001	Auto_On	1	1	High	1200	30	0	100	4000	Disabled	72	5	OTA Update Not Performed	0					
	3	Dimmer/Switch	n/a	1.18.203	0.00.000	Manual_On	1	2	High	n/a	30	o	100	N/A	Disabled	120	5	OTA Update Not Performed	0					

FEATURES

- Display a Device Table of a connected SmartCast Wireless Network
- Export the Device Table of the SmartCast Wireless Network to a CSV file for Diagnostics
- Perform a Firmware Update of all devices in the connected SmartCast Wireless Network

TOOLS REQUIRED

- SmartCast Configuration Tool
- USB-A to USB-miniB cable provided with the Configuration Tool
- Windows Laptop
- SmartCast Wireless Firmware Update Utility software provided by Cree Lighting Technical Support to be installed on the Windows Laptop
- Firmware Update Zipfile provided by Cree Lighting Technical Support

START UP PROCEDURE

- 1. Turn on Configuration Tool and connect it to a commissioned SmartCast Wireless Network
- 2. Connect the Configuration Tool to Laptop using the USB-A to USB-miniB cable
- 3. Open the Firmware Update Utility





5. Press "Set Config Mode"

DISPLAY AND EXPORT A DEVICE TABLE

1. Press "Get Device Table" to display the Device Table on screen



2. Press "Export To CSV" to start Export process

Get Device Table	Export To CSV	Perform Update	Abort Update
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3. Select the File Location and create a name for the	
exported data	

Name	Status	Date modified	Type	Size	
Chebrive - Cree L					
This PC	No rter	ns match your search.			
3D Objects					
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CREE_CT (D:)					
File name: LAB_TEST					

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4. Press "Save" to save the export file

5. Utility will report when export is complete.

Successfully wrote CSV File
OK

PERFORM THE FIRMWARE UPDATE

1. Press "Perform Update"

Get Device Table Export To CSV Perform Update Abort Update	Device Table		
	Get Device Table Export To CSV	Perform Update	Abort Update

Browse to the File Location for the FMW 2	Zip File
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A Quick access	Cree Lighting SmartCast Firmware Updat	2	3/11/2021 4/41 PM	File folder			
OneDrive - Cree L	CT Rework Project	0	3/31/2021 3:19 PM	File folder			
71.00	DEMOKIT2_0	2	12/11/2020 9:50 AM	File folder			
INSPC	dist .	0	12/11/2020 9:50 AM	File folder			
3D Objects	Firmware Builds	0	3/11/2021 8:25 AM	File folder			
Desktop	FMW01xx_1.18.203	0	3/11/2021 4:42 PM				
Documents	K8_FU2	0	4/6/2021 3:01 PM	File folder			
🕹 Downloads	LN4	0	12/11/2020 9:50 AM	File folder			
Music	POE Power Supply	0	12/11/2020 9:50 AM	File folder			
E Pictures	Redwood_CT	0	12/11/2020 9:50 AM	File folder			
Videos	Redwood_Final	8	12/11/2020 9:50 AM	File folder			
15 OCDUA (CA	SDU Builds	2	2/8/2021 10:43 AM	File folder			
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CREE_CT (D:)	FMW01xx_1.18.203	0	3/11/2021 4:41 PM	Compressed (zipp.	. 959 KB		
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3. Select the FMW Zip File and Press "Open"

4. Wait for the update to complete

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2	Super RF Module	Codiant Skylight	1.16.202	1.10.001	Auto_01			High	1200	20	0	108	2000	Disabled	72	5	CEA Success	180
3	Gimmer, Gwitch	nie	1.16.203	0.00.000	Auto_Dri			High	1/1	30		100	ALA.	Disabled	129	5	CEA Success	100

5. The Firmware Utility will return the network to Normal Mode and provide a summary of the Firmware Update.



SHUTTING DOWN THE UTILITY

 Press "Disable SDU Control Mode" to disconnect the link between the Firmware Update Utility and the Configuration Tool.



2. Turn off the Firmware Update Utility

3. Verify the update version using the Diagnostics menu of the Configuration Tool (optional).



4. Turn off the Configuration Tool.

NOTES

- Pressing "OK" on the Configuration Tool will disconnect the Configuration Tool from the Firmware Update Utility and return the connected SmartCast to the control of the Configuration Tool. DO NOT DISCONNECT WHILE THE FIRMWARE UPDATE IS IN PROGRESS. This may render the connected SmartCast Wireless Network inoperable.
- Press "Abort Update" to interrupt an ongoing firmware update process.