

cforce mini SUP 1.3.4

Software Update Package cforce_mini-1.3.4_r11978

RELEASE NOTES

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A. Introduction

We herewith announce the release of Software Update Package (SUP) 1.3.4 for the cforce mini.

This release fixes a bug with controlling cforce mini motors on an ALEXA LF camera.

We highly recommend updating the cforce mini to this Software Update Package. Please take your time to go through this document before you start using the cforce mini. For more information, please visit

<https://www.arri.com/en/technical-service/firmware/software-updates-ecs/>

B. Update Instructions

How to get a Software Update Package

Go to the ARRI website <https://www.arri.com/en/technical-service/firmware/software-updates-ecs/> and download the latest Software Update Package (SUP) for the cforce mini.

cforce mini Update Procedure

The current software update can be applied to the cforce mini via WCU-4, UMC-4, ALEXA Mini or ALEXA Mini LF cameras.

Update with WCU-4

Precautions

During the update, supply the cforce mini with >12V Voltage, e.g. by using an LBUS to D-Tap cable (e.g. K2.0006758 Cable LBUS to D-Tap) connected to a battery with D-Tap interface.

Preparing the SD Card

Have a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating. Copy the cforce mini Software Update Package into the root folder of the SD/SDHC card.

Performing the Update

- (1) Connect WCU-4 and cforce mini with Cable LCS – LBUS (K2.0007318 or K2.0013044).
- (2) Connect cforce mini to the 12V power source (e.g. with K2.0006758 Cable LBUS to D-Tap)
- (3) Turn the WCU-4 on.
- (4) Insert the SD card into the SD card slot of the WCU-4.
- (5) Go to MENU > FIRMWARE > LBUS Update.
- (6) Select the cforce mini as LBUS device.
- (7) Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update.

Caution: Do not remove the SD card during the update!

The update process takes several seconds.

Update with UMC-4

Precautions

Have the UMC-4 running with stable power source during the update.

Preparing the SD Card

Have a FAT16 or FAT32 formatted SD/SDHC card up to 32GB for updating. Copy the cforce mini Software Update Package into the root folder of the SD/SDHC card.

Performing the Update

- (1) Connect UMC-4 and cforce mini via LCS – LBUS cable (K2.0007318 or K2.0013044).
- (2) Turn the UMC-4 on.
- (3) Insert the SD card into the SD card slot of the UMC-4.
- (4) Go to MENU > FIRMWARE > LBUS Device Update.
- (5) Select the cforce mini as LBUS device.
- (6) Choose the desired Software Update Package and then press the two UPDATE soft buttons simultaneously to start the update.

Caution: Do not remove the SD card during the update!

The update process takes several seconds.

Update with ALEXA Mini and ALEXA Mini LF (PL and LPL Lens Mount with LBUS Connector)

Precautions

Have the ALEXA Mini or ALEXA Mini LF running with stable power source during the update

Performing the Update

- (1) Connect ALEXA Mini or ALEXA Mini LF (LBUS connector on PL lens mount) and one cforce mini via LBUS cable.
- (2) Connect ALEXA Mini or ALEXA Mini LF to a stable power source (e.g. AC power supply and on-board battery).
- (3) Copy the update file onto a USB memory stick in folder ARRI/ECS/
- (4) Connect the cforce mini to the LBUS connector of the lens mount.
- (5) In the ALEXA Mini or ALEXA Mini LF menu, go to MENU > System > Update > LBUS Devices.
- (6) A list with connected LBUS devices is displayed, showing the software version currently installed on the cforce mini and the software version stored on the USB memory stick.
- (7) Select the cforce mini you want to update and press UPDATE. A confirmation screen is displayed.
- (8) Press CONFIRM to start the update. Cancel with BACK.

Caution: Do not remove the USB stick during the update!

The update process takes several seconds.

C. Bug Fixes

Unable to control motors with ALEXA LF

Fixed a bug where it was not possible to trigger the calibration or if the motor is calibrated to control a lens motor via WCU-4 connected to the ALEXA LF.

Wrong motor position value after restart

Fixed an issue where the motor sends a wrong motor position value after a restart even if the motor did not move and change position.

Motor failure at maximum speed

Fixed an issue where motor failed when controlling it back and forth at maximum speed.