



# DslrStar Documentation

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## Release Notes for DslrStar Windows software and controller firmware

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### 1.0 Versions

This documentation is for the following model, hardware, firmware and Software versions.

Model Number: 400

Hardware Versions: 1.50, 1.40

Firmware Versions: 1.01 thru 1.09

Software Version 1.06.101

### 1.1 Release Notes (Windows Software)

Version 1.06.101

- Fixed bugs where program crashed in certain sequence and focusing situations when controller was not connected.
- Fixed issues with connecting/disconnecting the controller, camera and COM interface in different orders.

Version 1.06.100

- Added ability to take camera Tv and Focus Mode exposures with mirror lockup enabled if the controller is present.
- Fixed a bug where could not connect if FocusStar controller already connected.

Version 1.05.101

- Fixed a bug executing mirror lockup function on some firmware versions
- Fixed a bug running sequences without camera connected
- Fixed a bug in sequence camera changed warning logic

Version 1.05.100

- Added support for Canon 30D, 400D and Nikon D80 cameras.
- Fixed a mirror lockup bug with DslrStar firmware 1.03 and earlier.
- Added the ability to select "Actual Size" or "Fit to Window" for images in viewer window

Version 1.04.102

- Fixed a bug Decoding RAW images for Canon 300D and 350D for non US cameras.

Version 1.04.101

- Added ability to shoot "Bulb" exposures without connecting to camera.
- Fixed a bug in Sequences where an incorrect camera warning is given and sequences could not start.

-Fixed a bug Decoding RAW images for Canon 300D.

Version 1.04.100

-Added support for Nikon D50, D70 and D70s cameras.

-Added support for user firmware updates

-Implemented camera model checking in sequences

Version 1.03.101

-Fixed a problem connecting with an ASCOM client when DslrStar is already connected.

-Fixed a problem with some activation e-mail addresses

Version 1.03.100

-Added DslrStarGuide, an ASCOM driver/hub that enables third party autoguiding software to use the DslrStar autoguider port to send guiding signals to the telescope mount using the ASCOM pulseguide protocol.

Version 1.02.101

-Fixed a problem using bulb exposure sequences with Canon 5D.

Version 1.02.100

-Release version of Canon EOS-5D support.

-Improved activation process and documentation.

-Made COM Object thread safe for use with free threaded applications.

Version 1.01.110

-Fixed a problem in the settings dialog where resetting the image index counter would cause the save path and filename to revert to the previous value.

Version 1.01.109 Beta

-Added Beta version support for Canon EOS-5D camera.

Version 1.01.108

-Installer now installs and registers Windows flexgrid ActiveX control.

Version 1.01.107

-Added connection diagrams and guider port specifications to help documentation.

Version 1.01.106

-Improved error checking and user feedback in DslrStar setup dialog.

Version 1.01.105

-Fixed sequence dialog spin control bug introduced in 1.01.104.

Version 1.01.104

-Fixed a bug where remote sequence displayed incorrect numbers for loaded controller data.

-Fixed a bug where the remote sequence number was incorrect.

-Increased the remote sequence count and delay numeric range to 0-999, same as controller capability.

Version 1.01.103

-Fixed a bug where Canon EOS 20Da driver was sometimes not recognized.

Version 1.01.102

-Improved error handling/reporting in focus dialog.

Version 1.01.101

-Various bug fixes, improved error handling/reporting.

Version 1.01.100

-Initial release.

## **1.2 Release Notes (Controller Firmware)**

Version 1.10

-Fixed a bug reading/writing to EEPROM for hardware version 1.40 controllers

Version 1.09

-Unified firmware for hardware versions V1.50 and V1.40

-Fixed a bug in MLU delay for exposure delay greater than 255 seconds.

Version 1.08

-Fixed a bug in the controller/software communications protocol introduced in version 1.07.

-Added fast scroll to delay counter editing menu.

Version 1.07

-Fixed bugs with autoguiding while running remote sequences or using the menus system.

Version 1.06

-Changed the order in which the sequence delay is executed to improve operation for users of in camera noise reduction.

Version 1.05

-Added support for Nikon IR remote cameras using controller IR-LED port.

Version 1.04

-Fixed a bug displaying the sequence countdown timer for sequences longer than 326 seconds.

Version 1.03

-Some minor internal control logic improvements..

Version 1.02

- Added support for V1.50 hardware controllers memory chips.

- Changes execution state machine to prevent blocking autoguiding when using menus.

Version 1.01

-Initial Release