

The following is a technical bulletin with updated information on the specifications and/or operation of the UF Series +HD Models. If you have questions regarding the information within, please email your Crowley sales representative or eusupport@thecrowleycompany.com (UK and Europe) or support@thecrowleycompany.com (all other locations).

FIRMWARE COMPATIBILITY

| | |
|-------------------------------------|--|
| Product: | UF-Series+ HD Models |
| Current Serial Number Set: | 0844xxx |
| Software Version: | 3.3.0 |
| Firmware Version: | N/A |
| FPGA: | N/A |
| PC (Recommended): | i7 Processor, 8GB, USB3, Windows 7, 8.1 and 10 all 64 BIT and Professional only. |
| PC Configuration (Required): | Please refer to UF-Series User Guide, Issue 3.3.0 |

Date: 11/01/2018

Subject: UScan+HD 3.3.0 Software Release

Part Number: 8200720

The Crowley Company has issued a new production version of the UScan+ HD software: Release 3.3.0. This new version of the software only works with the following:

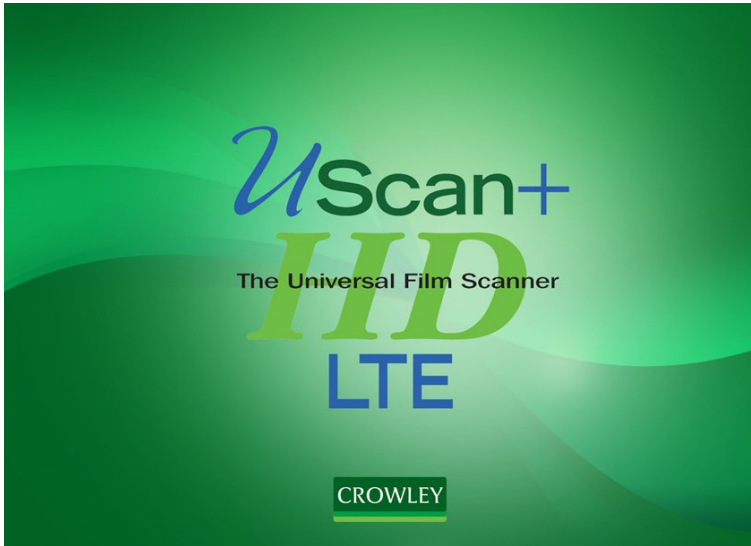
UScan+HD: Windows 7 Professional, Windows 8 Professional and Windows 10 Professional (all 64 BIT)

A NEW FEATURES IN THIS RELEASE

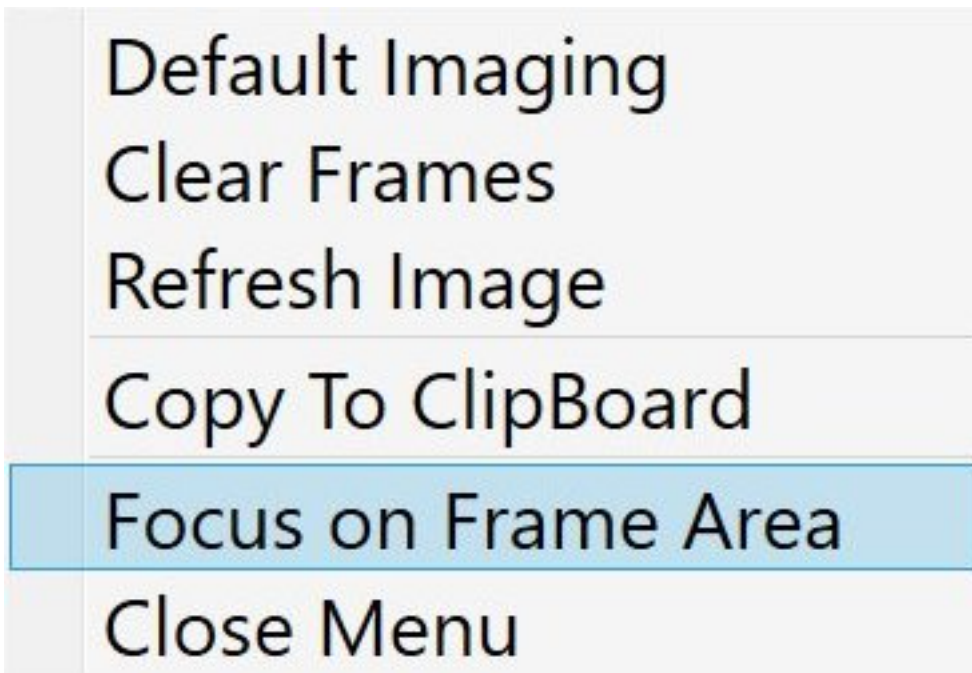
- A.1 New camera driver within setup installation. Windows 10 1803 update has caused an issue with many USB2 and USB3 connected devices. In May 2018, when Windows 10 was updated with version 1803, many USB2 and USB3 devices stopped functioning. Although the +HD did not stop functioning, Crowley has elected to update the camera driver within this installation to keep pace with Windows updates.
- A.2 More payment systems are now available to connect to the UScan+ HD scanners via a USB connection using the Payment Interface DLL selection within the System Settings, Legal/Pay menu. More details can be read within under the same heading of the UScan Series User Guide and also within Appendix L. The user guide is installed within the UScan+HD Series Software.
- A.3 Keyboard left and right keys can be used to control roll film rewind and forward spool motors.

| | |
|-----------------|--|
| Left Arrow Key | Left roll film control x 3 presses for 1x, 5x and 10x speeds. |
| Right Arrow Key | Right roll film control x 3 presses for 1x, 5x and 10x speeds. |
| SPACE | STOP |
- A.4 External controllers can now be added to the UScan+ HD Controller PC or to the USB ports on the UScan+ HD scanner itself to control the roll film rewind and forward spool motors. **An external controller can be purchased from Crowley to control the roll film rewind and forward spool motors.** These are available as part number 2000216 RK 216 or 2000217 RK 217, UScan USB Controller. A choice of external controllers, details of each can be acquired from your Crowley representative.

Appendix M in the UScan Series User Guide, release 3.3.0 shows details of RK217.
- A.5 Copy to Clipboard has been added to the Scissor Crop functionality.
- A.6 New splash screens added if LTE +HD detected.



A.7 Main display right click menu updated.



Focus on Frame Area added. From the UScan Series User Guide: -

Focus on Frame Area will apply auto focus on the blue frame drawn on screen rather than the whole screen. It may be better described as an auto-focus on a region of interest.

B COMPATIBILITY WITH HARDWARE AND FIRMWARE

B.1 This software is compatible with all versions of +HD models.

B.2 PC Specifications

Crowley pursues a policy of continuous product improvement and reserves the right to change these specifications without notice.

(+HD Models):

| | | Minimum | Recommended |
|-------------------------|--|---|--|
| Processor | | Intel Core i5 | Intel Core i7 |
| Memory | | 4 GBytes | 8 Gbytes |
| Monitor | | 1024x768 Full Color | 23" Touchscreen 1920 x1080 Full Color |
| DVD drive | | Yes. Required for installation of the UScan+HD software | |
| Interface | | USB 3.0 | |
| Operating System | | Windows 7 Professional (64 bit only)* Windows 8 Professional (64 bit only) Intel processor* Windows 10 Professional (64 bit only) | |

*Windows 7 and Windows 8 operating systems will need their version of Internet Explorer to be upgraded to version 11 for cloud upload features to operate correctly.

C COMPATIBILITY WITH DOCUMENTATION

C.1 This release is supported by Issue 3.3.0 of your scanner User Guide (Part Number 8200020), included on the software DVD as "UScan Series User Guide.pdf".