



Customer Service BULLETIN

Severity Level: **Low**

Distribution

- WW ☒
- APAC ☐
- EMEA ☐
- JAPAN ☐
- LATAM ☐
- NAM ☐

Internal Only ☐

Customer Service Bulletin

22985

Title Package update LDX Series

Date 2020-09-23

Product LDX Series

Product Version All

Overview

System parts involved:

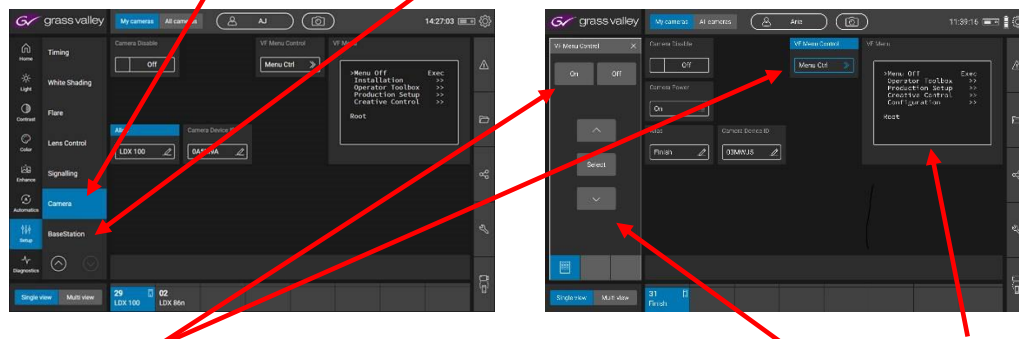
- LDX 86n Series **V20**
- LDX 86n RF **V20**
- LDX 86 Series **V27**
- LDX 82 Series **V11**
- LDX 80 Series **V39**
- Focus Live **V21**
- LDX C86n Series **V11**
- LDX C86 Series **V09**
- LDX C82 Series **V09**
- LDX C80 Series **V23**

Overall Message

For all camera versions:

- HDR S-log3 curve implemented (Not for LDX 80, LDX C80 and Focus Live).
- For LDX 86N the Skin view delay in XCU main-output is corrected.
- Menu control for CGA.
Note that CGE Engine **v2.0.0023** is required on the CCS-ONE.
See details in **CSB-22815**

- Menu control of Camera/XCU available in the App
(via Setup > Camera or Setup > Basestation)



Once “Menu Ctrl” is selected, the Camera/XCU menu can be controlled (and is visible) via the App. It can also be controlled via the CGP rotary/push button.

Note that, when selected, the menu becomes visible in the camera viewfinder and the XCU monitoring outputs as well.

LDX 86N Series

After updating the package, the status of the LDX 86n camera head becomes:
Package LDX86N_392240765101_20

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	3922 407 64931	18.00
VP FW 1	522-00048-01	504-00011-01	04.00
VP FW 2	522-00048-01	504-00010-01	05.00
VP FW 3	522-00048-01	3922 407 64961	12.00
VP FW 4	522-00048-01	3922 407 64971	14.00
VP FW 5	522-00048-01	504-00025-01	02.00
VF SW	522-00048-01	3922 407 65121	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
RCB FW	3922 406 57271	3922 407 64621	01.01
Sensor Brd. FW (R-G-B)	522-00053-01	3922 407 65091	01.25

LDX 86N RF Camera Head

After updating the package, the status of the LDX 86n RF camera head becomes:
Package_LDX86N_RF_538-00009-01_20

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	3922 407 64931	18.00
VP FW 1	522-00048-01	504-00011-01	04.00
VP FW 2	522-00048-01	504-00010-01	05.00
VP FW 3	522-00048-01	3922 407 64981	12.00
VP FW 4	522-00048-01	3922 407 64991	14.00
VF SW	522-00048-01	3922 407 65121	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
RCB FW	3922 406 57271	3922 407 64621	01.01
Sensor Brd. FW (R-G-B)	522-00053-01	3922 407 65091	01.25

LDX 86 Series Camera Head

After updating the package, the status of the LDX 86 camera head becomes:
Package_LDX9060_392240764361_27

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	3922 407 64581	24.00
VP FW 1	522-00048-01	3922 407 64561	06.00
VP FW 2	522-00048-01	3922 407 64911	11.00
VF FW 3	522-00048-01	504-00026-01	02.00
VP SW	522-00048-01	3922 407 64571	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
RCB FW	3922 406 57271	3922 407 64621	01.01
Sensor Brd. FW (R-G-B)	3922 406 57261	3922 407 64631	02.13

LDX 82 Series Camera Head

After updating the package, the status of the LDX 82 Series camera head becomes:
Package_538-00001_01_11

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	528-00005-01	09.00
VP FW 2	522-00048-01	3922 407 64911	11.00
VP SW	522-00048-01	3922 407 64571	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
RCB FW	3922 406 57271	3922 407 64621	01.01
Sensor Brd. FW (R-G-B)	3922 406 57261	3922 407 64631	02.13

LDX 80 Series Camera Head

After updating the package, the new status of the LDX 80 Series camera head becomes:
Package_LDX9020_392240761901_39

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
Diagnostic SW	3922 406 55961	3922 407 60341	00.37
Right Cover Board FW	3922 406 55971	3922 407 60771	01.14
Application SW	3922 406 55961	3922 407 61891	34.00
Imager Control FW	3922 406 55961	3922 407 61911	07.14
Imager Control SW	3922 406 55961	3922 407 61921	00.53
Video Proc. FW	3922 406 55961	3922 407 61931	07.14
Video Proc. SW	3922 406 55961	3922 407 61941	00.42
Sensor Brd. FW (R-G-B)	3922 406 56011	3922 407 61951	21.00

Focus Live Camera Head

After updating the package, the new status of the Focus 70/75 Live camera head becomes:
Package_Focus_7x_Live_392240764821_21

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
Diagnostic SW	3922 406 55961	3922 407 60341	00.37
Right Cover Board FW	3922 406 55971	3922 407 60771	01.14
Application SW	3922 406 55961	3922 407 64831	15.00
Imager Control FW	3922 406 55961	3922 407 61911	07.14
Imager Control SW	3922 406 55961	3922 407 61921	00.53
Video Proc. FW	3922 406 55961	3922 407 61931	07.14
Video Proc. SW	3922 406 55961	3922 407 61941	00.42
Sensor Brd. FW (R-G-B)	3922 406 56011	3922 407 61951	21.00

LDX 86N Compact Series

After updating the package, the status of the LDX 86n Compact becomes:
Package LDX-C86n_538-00005-01_11

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	528-00010-01	10.00
VP FW 1	522-00048-01	504-00011-01	04.00
VP FW 2	522-00048-01	504-00010-01	05.00
VP FW 3	522-00048-01	3922 407 64981	12.00
VP FW 4	522-00048-01	3922 407 64991	14.00
VF FW 5	522-00048-01	504-00025-01	02.00
VF SW	522-00048-01	3922 407 65121	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
LCB FW	522-00055-01	3922 407 65261	00.13
Sensor Brd. FW (R-G-B)	522-00053-01	3922 407 65091	01.25

LDX 86 Compact Series Camera Head

After updating the package, the status of the LDX 86 camera head becomes:
Package_LDX-C86_538-00004-01_09

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	528-00009-01	09.00
VP FW 1	522-00048-01	3922 407 64561	06.00
VP FW 2	522-00048-01	3922 407 64911	11.00
VP FW 3	522-00048-01	524-000026-01	02.00
VP SW	522-00048-01	3922 407 64571	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
LCB FW	522-00055-01	3922 407 65261	00.12
Sensor Brd. FW (R-G-B)	3922 406 57261	3922 407 64631	02.12

LDX 82 Compact Series Camera Head

After updating the package, the status of the LDX 82 Series camera head becomes:

Package_LDX-C82_538-00003-01_09

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	522-00048-01	528-00008-01	08.00
VP FW 2	522-00048-01	3922 407 64911	11.00
VP SW	522-00048-01	3922 407 64571	00.86
Diagnose FW/SW Actel	522-00048-01	3922 407 64611	00.19
LCB FW	522-00055-01	3922 407 65261	00.12
Sensor Brd. FW (R-G-B)	3922 406 57261	3922 407 64631	02.13

LDX 80 Compact Series Camera Head

After updating the package, the new status of the LDX Compact Series camera head becomes:

Package_LDX9025_392240764311_23

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
ARM Application SW	3922 406 55961	3922 407 64541	17.00
IC FW	3922 406 55961	3922 407 61911	07.14
IC SW (Nios)	3922 406 55961	3922 407 61921	00.53
VP FW	3922 406 55961	3922 407 61931	07.14
VP SW (Nios)	3922 406 55961	3922 407 61941	00.42
Diagnose FW/SW Actel	3922 406 55961	3922 407 60341	00.37
LCB FW	3922 406 57301	3922 407 64201	00.34
Sensor Brd. FW (R-G-B)	3922 406 56011	3922 407 61951	20.00