

# Customer Service BULLETIN

Severity Level: **High**

## Distribution

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- APAC ☐
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Internal Only ☐

**Customer Service Bulletin** **23555**

**Title** Package update LDX 100

**Date** 2021-02-10

**Product** LDX 100 incl. EC 2-100 and VF 700-x viewfinders

**Product Version** All

## Overview

### System parts involved:

- LDX 100 **V04**
- EC 2-100 (1-4200100-0000, 2"Viewfinder for LDX 100) **V02**
- VF 700-x (1-4200200-0000, 7"Viewfinder for LDX 100) **V02**

## Overall Message

### Overall Note:

After package installation Black calibrations are needed in all video modes. This will be shown in the viewfinder as: **"Black Cal. Needed."**  
In the camera VF menu go to "Service" > "Calibrations" > "Black Calibr".

### **New functionality:**

- Implement Automatic Restoration of Illumination Attenuation (ARIA) for automatic white shading (if supported by the lens).  
This item can be found in the VF menu “Configuration” > “Lens” > “Lens Corrections”
- Support 1080i in nmos and IP.
- HDR to SDR conversion for 1080i and 1080P.
- Nmos controls in Camera Connect v1.65.0037. See also **CSB 23554**
- Nmos server info in diagnostics in Camera Connect and monitoring menu.
- LDX100 matches LDX86n when XGL Matrix is selected.
- Add control for Skin View in Main signal.
- VLAN and Private data settings available for CamConnect.
- C2IP network settings available for Camera Connect (display only).
- **Local Mode:**  
When there is no NativeIP license available, the camera is automatically set to XCU mode.  
This is not convenient if you want to use the camera as stand alone camera (with recorder or wireless box attached).  
For this specific applications the Local Mode is introduced.  
Behavior in this mode is the same as with the IP mode, but without the media interface.  
The local mode can be selected with the Installation > CameraMode function.



### **Problem solved:**

- PTP locking unstable in one-step mode.
- Improved HDMI reliability at power up.

## LDX 100

After updating the package, the status of the LDX 100 camera head becomes:  
Package LDX100\_92-00034-000\_04

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
Sitara Linux Platform OS	522-00066-01	12-00107-000	00.21
Sitara Main Application SW	522-00066-01	12-00108-000	04.00
Sitara Transmission SW	522-00066-01	12-00109-000	01.05
MPB Image 1 FW	522-00066-01	12-00110-000	03.19
MPB Image 2 FW	522-00066-01	12-00111-000	03.19
TXB Image 1 FW	522-00069-01	12-00121-000	01.23
TXB Image 2 FW	522-00069-01	12-00122-000	01.23
TXB Image 3 FW	522-00069-01	12-00123-000	01.23
TXB uBlaze SW	522-00069-01	12-00015-000	00.15
Sensor Boards	522-00101-01	12-00080-000	00.29
Filter Driver SW	522-00091-01	12-00074-000	00.09
Handgrip SW	90-00062-000	12-00128-000	00.07

## EC 2-100, 2" Viewfinder for LDX 100

After updating the package, the status of the EC2-100 Viewfinder becomes:

Package\_EC\_2-100\_92-00042-000\_02

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
EC 2-100 Applic. Software	3922 406 56381	12-00145-000	00.08
EC 2-100 Firmware	3922 406 56381	504-00028-01	00.03

## VF 700-X, 7" Viewfinder for LDX 100

After updating the package, the status of the EC2-100 Viewfinder becomes:

Package\_VF\_7\_100X\_92-00041-000\_02

PC Board Name	PC Board No (12NC)	Firmware No (12NC)	Version
VF700 Application Software	90-00059-000	12-00144-000	00.06
VF700 Firmware	90-00059-000	504-00027-01	00.07

### **New functionality:**

- Support for switching between dual link 1080p 4:4:4 and single link 1080i 4:2:2 (to support GPS scanning).

### **Problem solved:**

- Fixed split screen during panning in underscan mode for the EC 2-100.

### **Note:**

- "PackageAdvisor\_Viewfinders\_S02\_00.tsc" can be used to determine which package is valid for the Viewfinder to be updated.

## Contacts

### **Grass Valley Product Support**

Web-based support is available for many Grass Valley products. Please visit our online Knowledgebase:

<http://mygrassvalleyportal.force.com/gvknowledge>

For or technical assistance, please contact us by e-mail or phone. For more information refer to:

<http://www.grassvalley.com/support/contact>

### **Overview**

For an overview of released camera service bulletins, fault descriptions, related products and filter options, refer to:

<ftp://ftp.grassvalley.com/cameras/>