



Camera Training Center Breda The Netherlands



Jan Paul Campman

Your Host for this session

- Training Manager
- Trainer
- Acceptance Engineer
- Demo specialist
- Web master



•your guide for this INTERACTIVE session. •Welcome to the LDX Series WEB-Training

Downloading Packages and LDX inside





This part gives you some more details about the Download procedures And the Service tool LDX Inside





Important:

 Please be aware that Software and Firmware are the heart of all devices.
 Errors that occur due to wrong uploadprocedures or wrong software can sensitively damage your equipment; so if you do not feel comfortable or in case you prefer to have the update done by our field service on site, Please get in touch with our local Grass Valley Service engineer who will be ready to assist you.

http://www.grassvalley.com/support/contact/broadcast







- The Scripter tool is used for downloading packages to the LDK/LDX products.
- On the camera head (LDK series) you find a RS232 connector. (not available on LDX)
- On Basestation and Controls MCP / OCP a network connection is used.
- As the systems are running with various combinations of FW and SW version we create "Packages" for all our products.
- A "Package" is a validated and tested official release and should always be installed completely.







Index of ftp://ftp.grassvalley.com/cameras/Utilities/LdkScripter/Version 09/

Up to higher level directory

Size Last Modified 28/02/14 00:00:00 17960 KB



The Scripter

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3922	40760771_110_000_V01_13	6-6-13 15:34	BIN File	727 KB	
3922	40761891_110_000_V23_00.hex	19-8-15 15:32	HEX File	6,122 KB	
3922	40761911_110_000_V07_09.rbf	7-7-14 13:09	RBF File	2,972 KB	
3922	40761921_110_000_V00_48.hex	24-7-15 11:15	HEX File	745 KB	
3922	40761931_110_000_V07_11.rbf	24-11-14 15:50	RBF File	3,138 KB	
3922	40761941_110_000_V00_42.hex	30-3-15 12:02	HEX File	575 KB	
3922	40761951_110_000_V20_00.rbf	23-7-15 11:35	RBF File	180 KB	
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 \times LDX80 W 12NC: 3922 407 6190.1 Date: 19-08-2015 Status: 25.00 Current SW / FW version Required package SW / FW Version 12NC: 3922 407 6189.1 Date: 19-08-2015 Status: 23.00 12NC: 3922 407 6189.1 Date: 19-08-2015 Status: 23.00 12NC: 3922 407 6034.1 Date: 25-09-2014 Status: 00.31 12NC: 3922 407 6034.1 Date: 25-09-2014 Status: 00.31 12NC : 39; 🖓 Progress status X 12NC: 3922 407 6191.1 Date: 07-07-2014 Status: 07.09 12NC: 39; General Checks 12NC: 3922 407 6192.1 Date: 24-07-2015 Status: 00.48 12NC: 392 12NC: 3922 407 6193.1 Date: 24-11-2014 Status: 07.11 12NC: 3922 407 6194.1 Date: 30-03-2015 Status: 00.42 12NC: 392 12NC: 39 12NC: 3922 407 6077.1 Date: 06-06-2013 Status: 01.13 12NC : 39; Time elapsed : 00:00:00 12NC: 3922 407 6195.1 Date: 23-07-2015 Status: 20.00 Time left : 00:00:00 12NC: 392 Errors: 12NC: 3922 407 6195.1 Date: 23-07-2015 Status: 20.00 12NC: 39 Writing... 12NC: 3922 407 6195.1 Date: 23-07-2015 Status: 20.00 System : EEProm Data Blocksize: Software : Download File : 55% done Exit Abort 12:09:53: Nothing to Program 12:09:53: Updating Package Info 12:09:58: PACKAGE_CODENUMBER=3922 407 61901 12:09:58: PACKAGE_VERSION=25.00 0:00 12:09:58: Update completed unknown Time: 12:06:24







LDK Scripter for Cameras

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grass valley

DKScripter

http://www.grassvalley.com/support/contact/broadcast

Overview:

- 1: What is the LDK Scripter ?
- 2: What hardware tools do I need ?
- **3:** How to Install the Scripter ?
- **4:** How to Setup the Scripter ? Config IO
 - Downloadspeed
 - Download Method
 - Help
- **5:** How to download (Step by Step)?
- 6: MCP400 update.
- 7: Known issues.
- 8: RS232 cable pinning.

Conditions:

- * Windows based OS (admin rights needed)
- * Network connection (Switch + Cables)
- * RS 232 Null modem Cable (see chapter 8)
- * Service Dongle or USB RS232 adaptor.
- * Scripter, Package and Tools (Last versions)

(ask local 1st line GV Service.)

1: What is LDK Scripter ?



Downloading Packages and LDX inside

This part gives you some more details about the Download procedures And the Service tool LDX Inside In this session: LDX package update LDX inside





11





ne	Date modified	Туре	Size
LDX Inside Installer V 2.0	11-12-15 10:10	Application	12,706 KB





– 🗆 🗙				
Exit				
Save to File				
Status:				
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No connection	Susteen Id	Sustem Turne	Collumore) (orging	System Type Filter
	1 1 2 2 3 4	XCUVXCU Universe Camera\LDX86U OCP\OCP400 XCUVXCU4220W Camera\LDX80W XCUVXCU4200W XCUVXCU4220W Comera\LDX90W	v0040 v0077 v31.00 v11.00 v23.00 11.00 stoc/11.00 v23.00	Camera\LDX80W Camera\LDX80W Camera\LDX80W Camera\LDX80W Camera\LDX86U 0CP\0CP400 XCU\XCU IP XCU\XCU IP XCU\XCU Univer XCU\XCU 4200W XCU\XCU4220W
Select item	5	Base Unit\Focus BU	v01.00	
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	Selected: Car	mera\LDX86U with camera numb	p er 1 , reset the board	



OK





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Camer		Exit Save to Fil	e	
:	Status:			
XtremeSpeed	No errors		Details	
50 XF Fiber	No errors		Details	
07 7" LCD				
	•			
A BELDEN BRAND	LDX Inside Version v2.00 Copyright (C)	Belden Ir	nc. 2015	
		Connecte	d	

For our service department LDX Inside

A tool to find problems in your LDX system.

Ready for: + LDX head / adaptor + Focus 70 / adaptor + BaseUnit + XCU + NOT for LDK

□x Camera

Camera	Info					
Type:	LDX86 Xtre					
NC:	8926 906 (
PID:	037D6G					
Diagnostic files						
Create f	iles: Crea					
Explore	files: <u>ftp://16</u>					

PCB
Right Processor Board
Right Cover Board
Interconn. Power Boa
Red Sensor Board
Green Sensor Board
Blue Sensor Board
Front Switch Panel
Left Switch Panel
Left Switch Rotary Par
Handgrip IF board
HDMI/Mic board
ID board









Right Processor Board





Tips and hints

LDX Inside









Possible causes and solution suggestions

H	lelp		
	Select the issue that applies for the indicated error:		
	Issue:	PCB:	Code number:
	Black Calib status indicates Not OK	Right processor board	All variants
	Issue: Black Calib status indicates Not OK		
	# Possible cause:	Solution suggestion:	
	Pecent package undate requires new eliteration	Start a new Black Calibration f	rom the camera menu
	Camera software is starting up	Wait for ± 30 seconds and che	ck Black Calib status again
	2 Carriera with one or more Sensor boards	Check if one or more Sensor b	oards have errors
	4 Sensor interconnection fault	Check Sensor interconnection	status
	5 Camera has been undated with a new front module	Start a new Black Calibration f	rom the camera menu



For our service department LDX Inside

A tool to find problems in your LDX system.

To send all details in one file to the Service channel. You can use:

Save to file



⊔⊐≭ LDX Inside			- 🗆 >	<
Connect	Car	mera 1	Exit	
Disconnect			Save to File	C
System	Туре:	Status:		
Camera:	LDX86 XtremeSpeed	No errors	Details	
Adapter:	LDX5660 XF Fiber	No errors	Details	
Viewfinder:	LDK5307 7" LCD			
		LDX Inside		
G	grass valle	Version v2.00		
	A BELDEN BRAN	Copyright (C) I	Belden Inc. 2015	
Ready			Connected	



For our service department LDX Inside

A tool to find problems in your LDX system.

To send all details in one file to the Service channel. You can use:

Save to file This creates a EXCEL file where all data is stored





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