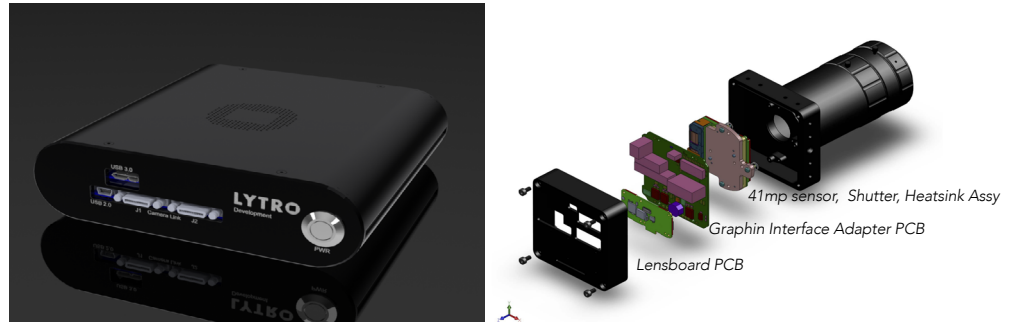


LYTRO Lytro Development Kit



LDK Illustration (Actual may differ from illustration shown here)

Description

The Lytro Development Kit (LDK) provides imaging researchers with the highest degree of control of Lytro's advanced light field capture devices and processing engine. It paves the path for deeper partnerships with technical R&D teams and enterprises in new undiscovered scientific territories with access to a dedicated prototyping board, sensor, C-mount lens and focal plane shutter.

Included in the Kit

Hardware Included	On Camera Scripts	Desktop Scripts
Toshiba 41 mp sensor	Capture	RAW Process
MLA adhered to sensor	Continuous capture	Adjustments
C-mount lens (f/2.0)	Focus Sweep, Zoom Sweep	Animations
Focal plane shutter	Focus Bracketing	Unpack / Pack Process
Graphin 1000-4U system	Exposure Bracketing	Uploads

Minimum System Requirements

64-bit Windows® 7 or 64-bit Windows® 8	Mac OS® X 10.8.5 or better
8GB RAM	8 GB RAM
Dual-processor CPU	Intel® Core™ 2 Duo or better
DirectX® 10	Intel® HD Graphics 4000
Intel® HD Graphics 4000 or better	(Only for light field LFP tool & Lytro Illum)
One USB 3.0 port and two USB 2.0 ports required	

Python interpreter access

Python® 2.7
 Python® wrappers for essential camera operations
 Standard Python® libraries

Lytro Desktop Tools

Designed for pictures taken with LYTRO ILLUM
 Compatible with pictures taken with First Generation Lytro Camera
 Specification of adjustable parameters
 Generation of single image in animation

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Examples of LDK Use Cases

Experiment with light field capture leveraging dedicated prototyping board.
Control sensor for multiple use case generation (Cropping, Skipping, Binning, ISO control)
Generate live view
Capture still images
Access advanced controls in Lytro's Light Field Processing tool

Lytro Development Kit

C-mount Enclosure Dimensions



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External Dimensions

Graphin enclosure - 155 * 155 * 45 mm

C-mount body(not including lens) - 75 * 75 * 37 mm

1 inch * 32 thread pitch lens C - mount

Enclosure for 41mp sensor, Shutter & Heatsink assembly

Shutter Control & Graphin Interface Adapter PCB

Tilt support for 41 mp sensor

1/4 - 20 mount

Black Anodized finish

Pricing & Availability

Available for purchase starting at \$20,000 from Lytro. To explore how the Lytro Platform could support your organization, visit <http://Lytro.com/platform>.

Other Information

Download, installation and use are subject to the Terms and Conditions for Lytro Development Kit. Please contact Lytro to obtain a copy.

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