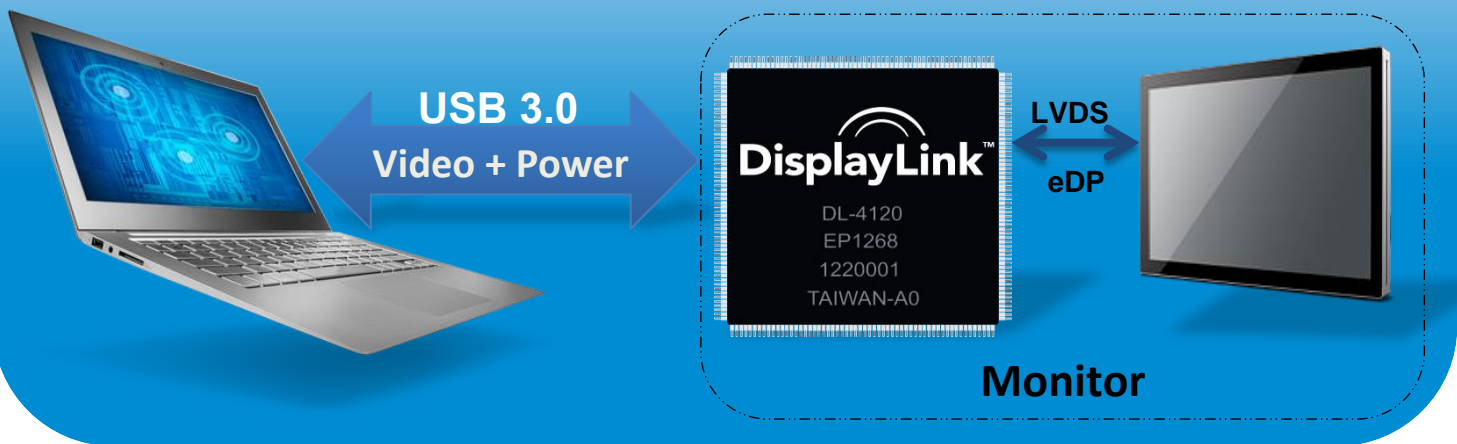


DisplayLink DL-4100 Series

High Integration USB 3.0 Monitor SoC



High Integration USB 3.0 Monitor SoC

From the world leader in USB graphics, DisplayLink introduces the DL-4100 family, an SoC solution created specifically for USB Monitors. This SoC enables a new category of monitors that connect power and data over USB (The most universally deployed connection globally). The DL-4100 family features embedded video frame memory, to enable simple 2 layer PCB designs with the lowest overall bill of materials and power. Support for newer eDP panels is available in the form of a reference design.

Benefits

- Fully supports Windows 10, 8 and 7
- Universal interface and power with single USB cable
- Low BOM cost
- 'Green' monitor solution
- Slim profile monitor
- EnergyStar and EuP ready (<1/2W standby)

Features

- DisplayLink DL3 high-performance video compression
- HDCP 2.0 capable for protected video playback
- High Integration/Low BOM Cost
- SuperSpeed USB3.0
- LVDS or eDP panel interface
- 2-layer PCB
- Low-power design for USB-powered monitors



DisplayLink Green

Low Power-Bus Power
Zero Power Standby
435 mW Monitor Sleep

Reduced Material
Single Connector
No Mains Supply

Reduced Weight and Size



DisplayLink DL-4100 Series

High Integration USB 3.0 Monitor SoC



DisplayLink Certified Plug and Display



DisplayLink Certified products are thoroughly tested to guarantee interoperability with the vast DisplayLink USB graphics ecosystem. Regular SW updates means a lifetime of performance updates. Look for the DisplayLink Certified Plug and Display Certified Logos.

DisplayLink Compression – DL3

- Ultra-Low latency
- Clear and crisp text and graphics
- Link aware-Adapts automatically to bandwidth constraints
- Compression tuned for video content and high quality graphics
- Uncompromised UHD video quality
- Compatible with HDCP 2.0 encryption

Packaging

- 20 mm x 20 mm
- 144 TQFP, RoHS and industry Green conformance
- 0.5 mm lead pitch

Reference Design

- DisplayLink supplies a complete set of schematics, PCB layout, firmware, and OS drivers to complete a bus powered or mains powered monitor design
- Support for eDP panels through LVDS to eDP conversion reference design available

1920x1080 (1080p)	DL-4120		
1400x1050 (900p)	DL-4115		
1366x768 (720p)	DL-4110		
	USB 3.0 USB 2.0	HDCP 2.0	LVDS- Panel

Supported Platforms

Microsoft® Windows™
Windows 10
Windows 8, 8.1
Windows 7
Legacy Windows XP - Vista

Apple® Mac® OS
OSX 10.8 onwards

Google Android™
v5.0 Lollipop onwards

Linux
Ubuntu 14.10 onwards



Trademarks, Patents and licenses
DisplayLink™ is a trademark registered and owned by DisplayLink Corp. a US registered company.

DisplayLink reserves the right to make technical changes To its products as part of its development program, and features are subject to change without notice.