



### 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, Mac, Chrome OS, Android and Ubuntu
- Universal interface and power with single USB cable
- Low BOM cost, as no external DDR required
- 'Green' monitor solution
- Slim profile monitor



EuP Ready

EnergyStar Ready

#### Features

- DisplayLink DL3 high-performance video compression
- High Integration/Low BOM Cost
- SuperSpeed USB3.0 or USB C
- 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 Certified Plug and Display

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



### Packaging

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

### Reference Designs

- 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

### 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

### Supported Platforms

#### Microsoft Windows™

Windows 10  
Windows 8, 8.1  
Windows 7

#### Apple® Mac® OS

OS X 10.8 onwards

#### Google Android™

v5.0 Lollipop onwards

#### Ubuntu

Ubuntu 14.10 onwards

#### Chrome OS

Chrome OS R51 onwards



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