The d.screen USB 3C is an innovative USB 3.1 monitor controller solution based on the DL-41xx family. The d.screen-USB3C enables a new category of monitors that connect power and data over USB 3.1 Type-C and it provides common LVDS- as well as eDP-interface.

**Benefits**

- **BUS-POWERED**
  
  Displays with a total power-consumption of up to 10 Watts are powered over USB Type-C cable – No additional power adapter required!
  
  - Optional external 12V supply to support larger displays
  - On-board USB 2.0 4-port hub controller enables the connection of additional USB peripherals like touch controller

**Features**

- SuperSpeed (5Gbit/s) connection and backwards compatibility to USB2.0
- Supports LCD-TFT displays up to 1920x1080
- LVDS and eDP output
- Supports bus-powered and/or self-powered applications
**BOARD FEATURES**

- Supports LCD-TFT displays from VGA up to 1920x1080
  - Single/dual channel LVDS, 18-/24-bit color, VESA & Open-LDI data mapping
  - eDP with 1, 2 and 4 lanes
- Type-C PD-Support with 5.0V @ up to 3.0 A

- Display Backlight support
  - Provides Enable and Brightness control
  - 5V/ 12V supply
- On-Board USB 2.0 Hub enables 1 external and 2x internal USB ports for additional peripherals, e.g. touch-controller
- Single USB Type-C cable connection supports LCD-TFT displays with up to 10 Watts total power consumption

**DL41xx Core Features**

- Supports USB 3.0 (5Gbit/s), USB 2.0, USB 1.1
  - DisplayLink DL3 video compression
    - Ultra-Low latency
    - Adapts automatically to bandwidth constraints
    - Compression tuned for video content
- Optional HDCP 2.0 support
- Integrated Monitor upscaling function
- Supported Platforms
  - Windows 7, 8, 8.1, 10
  - Apple MAC OSX 10.8 onwards
  - Linux Ubuntu 14.10 onwards
  - Android V5.0 Lollipop onwards

**Applications**

- Customer information monitors
- HID displays for visualization and interaction
- Signature tablets
- Replacement for standard HDMI/RGB-Monitors

**Outline Dimensions**

- 120.00mm
- 67.00 mm

**Versions available**

- Bus-Powered 5V
  - USB-Type-C connection ONLY
- Self-Powered +12V external supply for larger display sizes

**Environmental**

- Operating Temperature: 0°C to 70°C
- Relative Humidity: 5%-85%, non condensing

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