

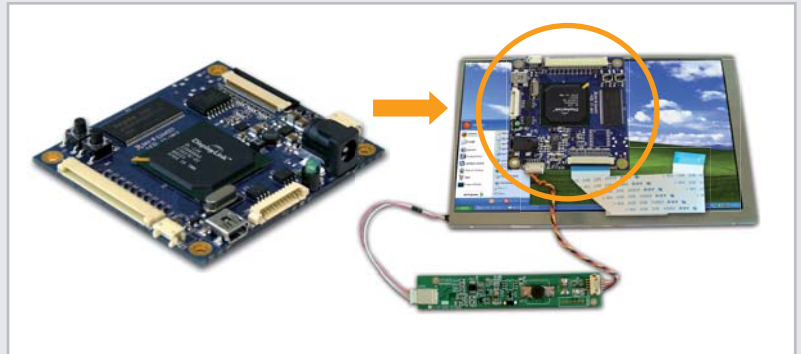
USB Controller Board

Design your customer's experience

d.screen USB micro is an innovative controller board solution for high performance USB 2.0 connected displays. It is designed to act as a direct interface between USB 2.0 and an LCD TFT display.

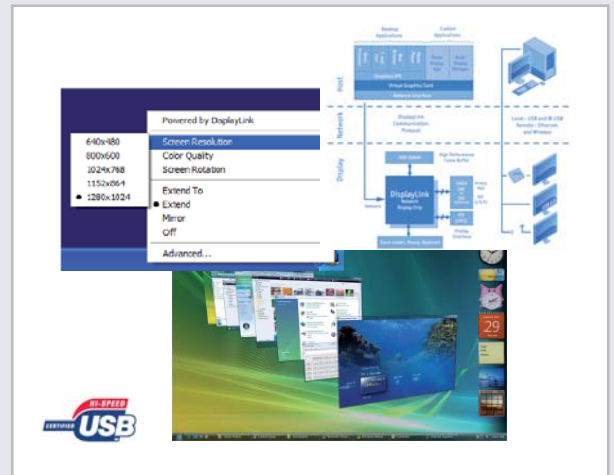
- Due to DisplayLink's low power technology small displays like 7" can be operated USB powered and do not need an additional external power supply.

d.screen USB micro is a member of the device family. As any member of this family which is developed by Display Solution AG this board was designed to meet the extended requirements of embedded applications. A well-balanced hard- and software combination affords a feature rich product at a competitive price.



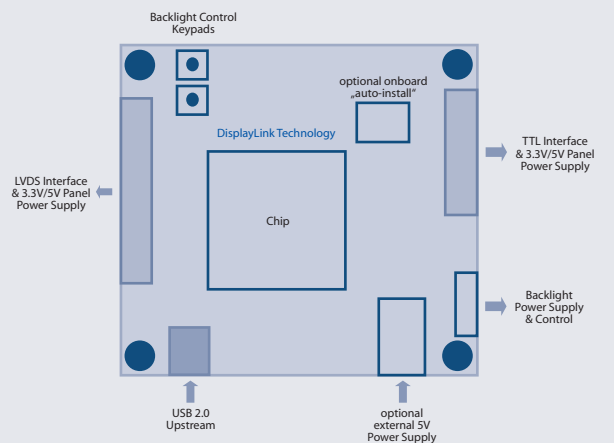
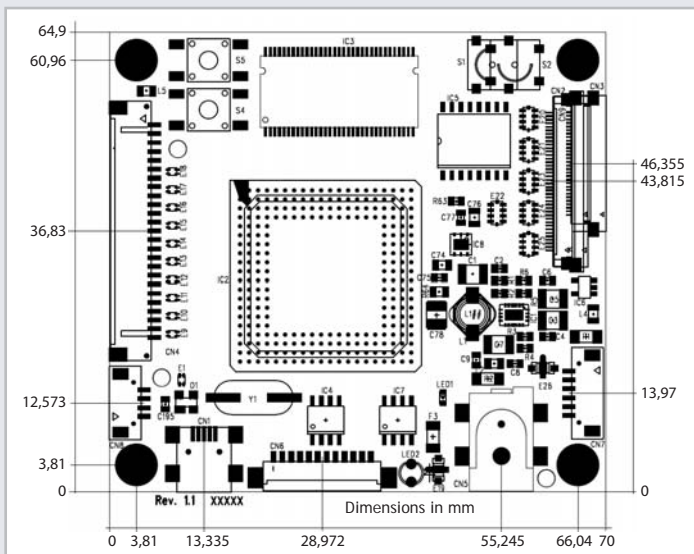
DisplayLink™ Technology with DL120 IC

- ✓ Connect a PC with USB 2.0 port directly to any LCD TFT panel
- ✓ Lossless compression protocol
- ✓ Supports almost any resolution up to 1440 x 900
- ✓ Highly interactive and very low latency user experience
- ✓ Full automated and transparent software layer
- ✓ Supports Windows 2000, XP and Vista - Basic & Aero
- ✓ Mirror mode or extended desktop
- ✓ Supports screen rotations of 90°, 180°, 270°, 360°
- ✓ Full 24bit (Windows: 32bit True Colour) colour support
- ✓ Video playback with 60 fps @ high resolution
- ✓ Fully Microsoft WHQL signed
- ✓ Management is performed through the Windows Control Panel interface - eliminating need for proprietary and language specific user & configuration tools
- ✓ Up to 6 Displays are supported



Features

- DisplayLink Technology (DL120 IC) with integrated TTL / LVDS interface connects a PC with USB 2.0 port directly to an LCD TFT panel
- Hardware picture rotation support through onboard sensor
- Onboard driver auto-install function (optional)



Specification

- Supported Input Resolutions (LVDS / TTL)
- 640x480 to 1280x1024 / 1440x900 (DisplayLink DL120)
- Input Voltage
- 5V (Backlight Voltage = Input Voltage)
- Environmental
- Operating Temperature: 0°C to 70°C
  - Relative Humidity: 5%-85%, non condensing