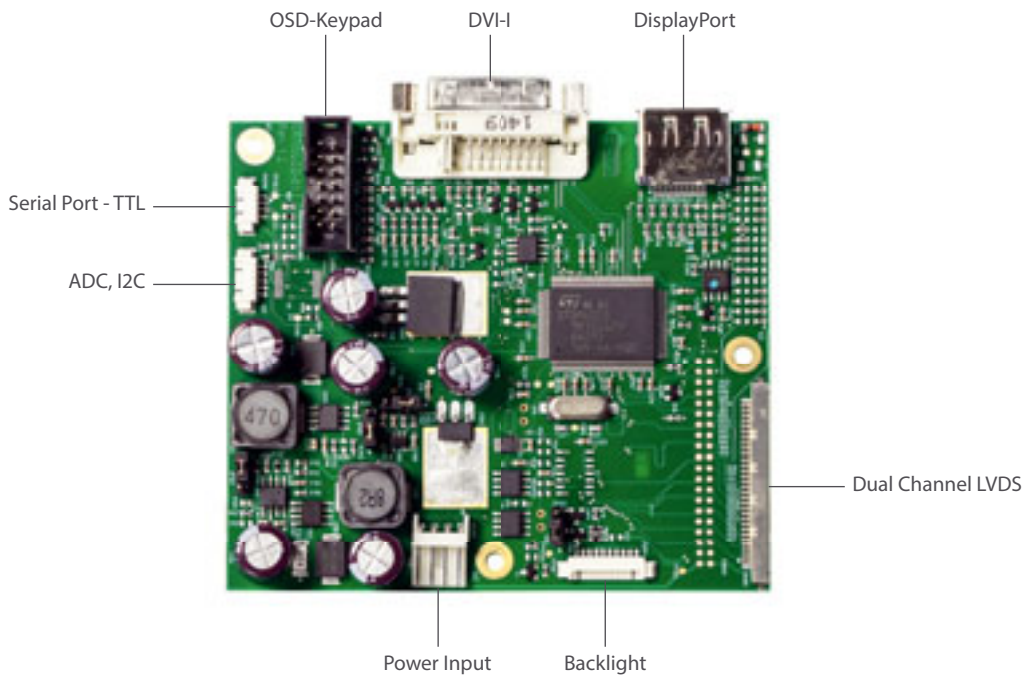


Full-HD-Flatpanel-Controller

## CRTtoLCD-61-pro-E

- DVI-I incl. Analog-RGB and DisplayPort (DP) inputs up to WUXGA
- Display resolution up to WUXGA (1920x1200)
- Highest picture quality due to improved scaling algorithms
- Powerful software tools including Panel-Editor and Serial-API
- Scripting support
- Enhanced input protection for harsh environments

## Full-HD-Flatpanel-Controller CRTtoLCD-61-pro-E



### Description

The CRTtoLCD-61-pro-E is a highly integrated Full-HD-Flatpanel-Controller that allows connection of standard Analog RGB, DVI and DisplayPort sources to TFT-LCD flatpanels.

It includes all the necessary functionality to design a full featured LCD monitor.

From a single +12V DC power supply, the CRTtoLCD-61-pro-E generates all required supply voltages and power sequencing. LED or CCFL backlight dimming is supported and can be controlled by PWM or absolute voltage level.

### Typical Verticals

Point of Sales (POS):	Check-in terminals
Point of Information (POI):	Public displays
Industrial Automation & Medical:	Panel-PCs, Industrial monitors
Test & Measurement:	Smart displays
Transportation:	Rugged displays
Gaming Machines:	Casino slot machines, Lottery systems, Open frame monitors

## Full-HD-Flatpanel-Controller CRTtoLCD-61-pro-E

### Technical Information

DVI Input	<ul style="list-style-type: none"> <li>• Highest quality up to WUXGA@60 Hz (with full zoom &amp; shrink capabilities)</li> </ul>
Analog Input	<ul style="list-style-type: none"> <li>• Analog-RGB-Interface via DVI-I up to WUXGA@60 Hz, All color depths up to 24 bits/pixel</li> </ul>
DisplayPort Input	<ul style="list-style-type: none"> <li>• Integrated DisplayPort 1.1 compliant receiver up to WUXGA</li> </ul>
High Quality Advanced Scaling	<ul style="list-style-type: none"> <li>• Horizontal &amp; Vertical Zoom</li> </ul>
Specials	<ul style="list-style-type: none"> <li>• Two separate onboard power supplies for flatpanel (up to 3A) and backlight (up to 3.5A) power</li> <li>• Ambient Light Sensor support to control backlight brightness via ADC input</li> <li>• PWM or voltage controlled backlight dimming</li> <li>• Scripting support</li> <li>• DDC2Bi / VCP (also accessible via script)</li> <li>• Serial-API for full access to various functions and features</li> <li>• Serial-OSD for keypad-less OSD control</li> </ul>
Integrated On-Screen-Display	<ul style="list-style-type: none"> <li>• On Screen Display (OSD) for control of all configured features</li> </ul>
Display-Interface	<ul style="list-style-type: none"> <li>• JLI30 (up to 2x24Bit dual channel LVDS) Output up to WUXGA@60Hz (1920x1200)</li> </ul>
Form Factor	<ul style="list-style-type: none"> <li>• 118.60 mm x 95.0 mm x 16.5 mm (L/W/H)</li> </ul>
Optional	<ul style="list-style-type: none"> <li>• Inverter and display cable-kits for various flatpanels</li> </ul>

### Ordering Information

Article	Part.-No.	Description
KAB-COMtoTTL	61021E	Serial-RS232 to TTL converter cable for CRTtoLCD-51-pro/-61-pro/-71-LP/-61-LP
OSD-Panel-Set	22010E-00-01-01	5-button On-Screen-Display(OSD)-Keypad incl. cable