OUR GLOBAL COMPETENCE CENTRES
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1 Revision History

<table>
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<tr>
<th>Date</th>
<th>Rev.No</th>
<th>Description</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>12.11.2013</td>
<td>1.0</td>
<td>Initial release</td>
<td>All</td>
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<tr>
<td>22.01.2014</td>
<td>1.1</td>
<td>Changed Temperature Range</td>
<td>4</td>
</tr>
<tr>
<td>27.02.2014</td>
<td>1.2</td>
<td>Changed Brightness</td>
<td>4</td>
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<tr>
<td>18.05.2015</td>
<td>1.3</td>
<td>HDMI Cable added</td>
<td>8</td>
</tr>
<tr>
<td>27.06.2017</td>
<td>1.4</td>
<td>Support for IR-Remote removed</td>
<td>9</td>
</tr>
<tr>
<td>04.12.2018</td>
<td>1.5</td>
<td>Power supply cable changed, power supply added</td>
<td>8+9</td>
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<tr>
<td>15.04.2019</td>
<td>1.6</td>
<td>New Design; accessories moved to separate file</td>
<td>All</td>
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2 Description

Distec’s Compact Panel Series is an open frame design which is based on the PrismaCOMPACT-Media. This modular based construction allows an easy mounting through a spread TFT-Display assortment.

The PrismaCOMPACT-Media providing a RGB, HDMI/DVI, DP, USB/RS232 interface and supports resolutions from VGA up to WUXGA at a maximum of 85Hz refresh rate with automatic up- and downscaling function to full screen size, reverse scan and much more.

Our CP-G150XGE-L04-A00 15” XGA LED Compact Panel with a high quality screen image and is designed for a wide temperature range usage and it gives a lot of convenience to the user in installing various applications such as gaming, amusement, industry and so on and accessing the GUI (Graphic User Interface).
# 3 Characteristics

<table>
<thead>
<tr>
<th>Items</th>
<th>Unit</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td>LCD TFT</td>
<td>CP-G150XGE-L04-A00</td>
</tr>
<tr>
<td>Screen Diagonal</td>
<td>[inch]/[mm]</td>
<td>15/38,1</td>
</tr>
<tr>
<td>Physical Size H x V x D</td>
<td>[mm]</td>
<td>326,05 x 253,5 x 15</td>
</tr>
<tr>
<td>Active Area H x V</td>
<td>[mm]</td>
<td>304,128 x 228,096</td>
</tr>
<tr>
<td>Pixels H x V</td>
<td></td>
<td>1024x3(RGB)x768 XGA</td>
</tr>
<tr>
<td>Supported Colors</td>
<td></td>
<td>16,2M (8bit)</td>
</tr>
<tr>
<td>Brightness</td>
<td>[cd/m²]</td>
<td>400</td>
</tr>
<tr>
<td>Viewing Angle / reverse scan option</td>
<td></td>
<td>6h / (12h)</td>
</tr>
<tr>
<td>Nominal Input Voltage</td>
<td>[V]</td>
<td>12 typ.</td>
</tr>
<tr>
<td>Weight</td>
<td>[kg]</td>
<td>1,25 max.</td>
</tr>
<tr>
<td>Electrical Interface</td>
<td></td>
<td>RGB, TMDS, DisplayPort, UART</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>[°C]</td>
<td>-20...+70</td>
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</tbody>
</table>

## 3.1 Further Specifications

### 3.1.1 TFT Controller

Distec PrismaCOMPACT-Media  [Datasheet PrismaCOMPACT-Media](#)

### 3.1.2 TFT-Display

Innolux G150XGE-L04  [Datasheet G150XGE-L04](#)
3.2 Reverse Scan/Scan Direction Option

This CompactPanel is able to rotate the image by 180° to have a 6 o’clock viewing angle based CompactPanel or a 12 o’clock viewing angle based one.

With this CompactPanel the Scan Direction is reverse enabled for a 6H viewing angle.

The rotation can be done via OSD menu Scan direction setup. (PrismaCOMPACT-Media_Datasheet chapter 7.3.6 Scan direction)

**Note:**
Use reverse scan changes the mechanical alignment

Left mounting holes have a distance of 224 mm to each other.
Right mounting holes have a distance of 176 mm to each other.
For new mechanical designs it is recommended to make the mounting holes so that the display can be mounted rotated by 180 °.
Mounting holes should be designed as long holes (alignment: bezel top to mounting hole)
4 Mechanical Drawing
5 Optional Accessories

Please refer to the Compact Panel Accessories Overview for more information.
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