OUR GLOBAL COMPETENCE CENTRES

Apollo Display Technologies

Distec

Display Technology
Datasheet

Distec

Compact Panel

CP-G190EG01V1-A00

DI-05-003

Version 1.4
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1 Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Rev.No.</th>
<th>Description</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>11.02.2014</td>
<td>1.0</td>
<td>Initial release</td>
<td>All</td>
</tr>
<tr>
<td>18.05.2015</td>
<td>1.1</td>
<td>HDMI Cable added</td>
<td>7</td>
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<tr>
<td>27.06.2017</td>
<td>1.2</td>
<td>Support for IR-Remote removed</td>
<td>8</td>
</tr>
<tr>
<td>04.12.2018</td>
<td>1.3</td>
<td>Power supply cable changed, power supply added</td>
<td>7+8</td>
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<tr>
<td>15.04.2019</td>
<td>1.4</td>
<td>New Design, accessoires 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-G190EG01V1-A00 19” 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>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>LCD TFT</td>
<td>CP-G190EG01V1-A00</td>
</tr>
<tr>
<td>Screen Diagonal</td>
<td>[inch]/[mm]</td>
<td>19/48,26</td>
</tr>
<tr>
<td>Physical Size H x V x D</td>
<td>[mm]</td>
<td>396 x 324 x 18</td>
</tr>
<tr>
<td>Active Area H x V</td>
<td>[mm]</td>
<td>376,32 x 301,06</td>
</tr>
<tr>
<td>Pixels H x V</td>
<td></td>
<td>1280x3(RGB)x1024 SXGA</td>
</tr>
<tr>
<td>Supported Colors</td>
<td></td>
<td>16,2M (8bit)</td>
</tr>
<tr>
<td>Brightness</td>
<td>[cd/m²]</td>
<td>350</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td></td>
<td>6h/12h</td>
</tr>
<tr>
<td>Nominal Input Voltage</td>
<td>[V]</td>
<td>12 typ.</td>
</tr>
<tr>
<td>Typical Power Consumption</td>
<td>[W]</td>
<td>19</td>
</tr>
<tr>
<td>Weight</td>
<td>[kg]</td>
<td>1,97 max.</td>
</tr>
<tr>
<td>Electrical Interface</td>
<td></td>
<td>RGB, TMDS, DisplayPort, USB, RS232</td>
</tr>
<tr>
<td>Temperature Range T&lt;sub&gt;OP&lt;/sub&gt;</td>
<td>[°C]</td>
<td>0...+50</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

AUO G190EG01V1 [Datasheet G190EG01V1](#)
4 Mechanical Drawing
5 Optional Accessories

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