OUR GLOBAL COMPETENCE CENTRES
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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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<tbody>
<tr>
<td>18.07.2017</td>
<td>1.0</td>
<td>Initial release</td>
<td>All</td>
</tr>
<tr>
<td>05.12.2018</td>
<td>1.2</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>1.3</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-P270HVN01.0-A00 27” FHD 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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<tbody>
<tr>
<td>Type</td>
<td>LCD TFT</td>
<td>CP-P270HVN01.0-A00</td>
</tr>
<tr>
<td>Screen Diagonal</td>
<td>[inch]/[mm]</td>
<td>27.0/685.65</td>
</tr>
<tr>
<td>Physical Size H x V x D</td>
<td>[mm]</td>
<td>613.60 x 356.85 x 18.40</td>
</tr>
<tr>
<td>Active Area H x V</td>
<td>[mm]</td>
<td>597.60 x 336.15</td>
</tr>
<tr>
<td>Pixels H x V</td>
<td></td>
<td>1920 (x3) x 1080</td>
</tr>
<tr>
<td>Supported Colors</td>
<td></td>
<td>16.7M colors ( RGB 8-bit )</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>Weight</td>
<td>[kg]</td>
<td>2.480</td>
</tr>
<tr>
<td>Electrical Interface</td>
<td></td>
<td>RGB, TMDS, DisplayPort, UART</td>
</tr>
<tr>
<td>Temperature Range T_{OP}</td>
<td>[°C]</td>
<td>0...+50</td>
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</table>

3.1 Further Specifications

3.1.1 TFT Controller

Distec PrismaCOMPACT-Media  
Datasheet PrismaCOMPACT-Media

3.1.2 TFT-Display

AUO P270HVN01.0  
Datasheet P270HVN01.0
4 Mechanical Drawing
5 Optional Accessories

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