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Datasheet

Distec

Compact Panel

CP-G121X1-L03-A00

DI-05-008

Version 1.3

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1 Revision History

| Date | Rev.No. | Description | Page |
|------------|---------|--|------|
| 20.05.2015 | 1.0 | Initial release | All |
| 27.06.2017 | 1.1 | Support for IR-Remote removed | 9 |
| 04.12.2018 | 1.2 | Power supply cable changed, power supply added | 8+9 |
| 15.04.2019 | 1.3. | New Design; accessories moved to separate file | All |
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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-G121X1-L03-A00 12.1" 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

| Items | Unit | Specification |
|-----------------------------------|----------------------|------------------------------|
| Type | LCD TFT | CP-G121X1-L03-A00 |
| Screen Diagonal | [inch]/[mm] | 12.1/307,34 |
| Physical Size H x V x D | [mm] | 260.50 x 204.00 x 15.4 |
| Active Area H x V | [mm] | 245.76 x 184.32 |
| Pixels H x V | | 1024 (x3) x 768 |
| Supported Colors | | 16.7M colors (RGB 8-bit) |
| Brightness | [cd/m ²] | 600 |
| Viewing Angle | | 6h / 12h |
| Nominal Input Voltage | [V] | 12 typ. |
| Typical Power Consumption | [W] | 17 typ. |
| Weight | [kg] | 0.575 |
| Electrical Interface | | RGB, TMDS, DisplayPort, UART |
| Temperature Range T _{OP} | [°C] | -20...+65 |

3.1 Further Specifications

3.1.1 TFT Controller

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

3.1.2 TFT-Display

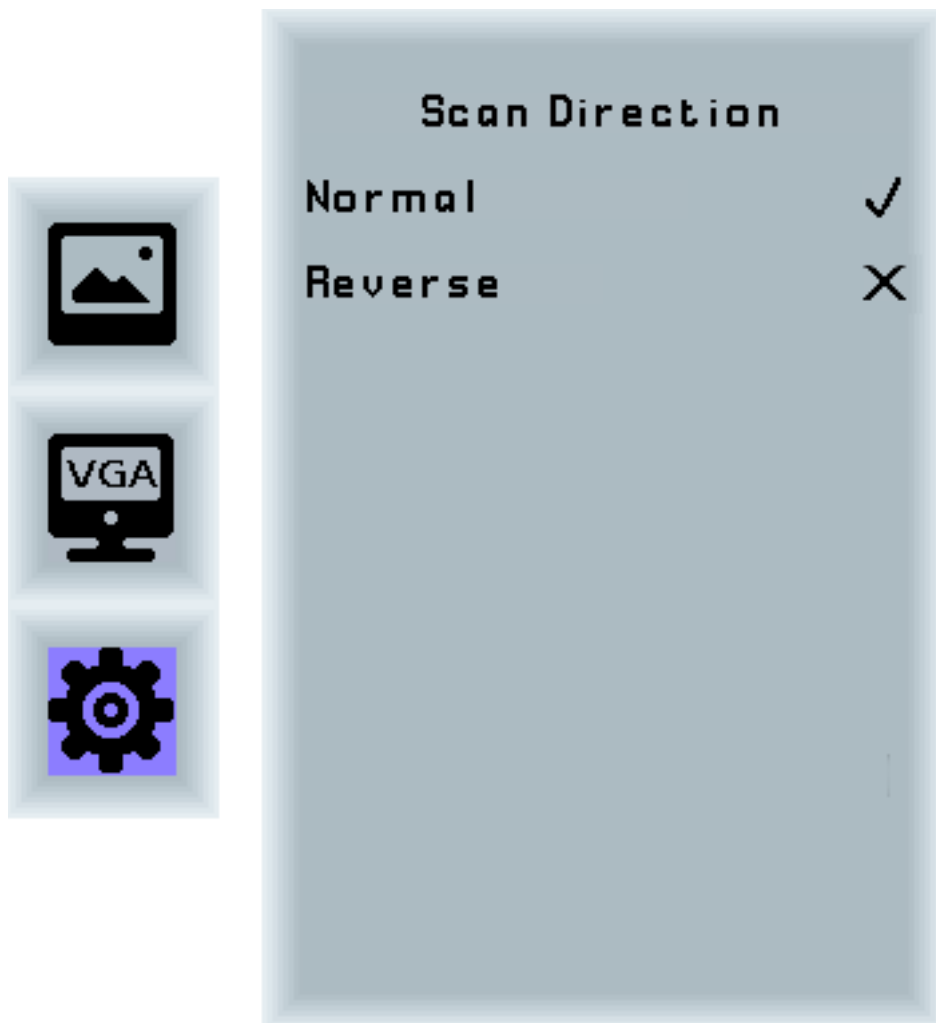
InnoLux G121X1-L03 [Datasheet G121X1-L03](#)

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

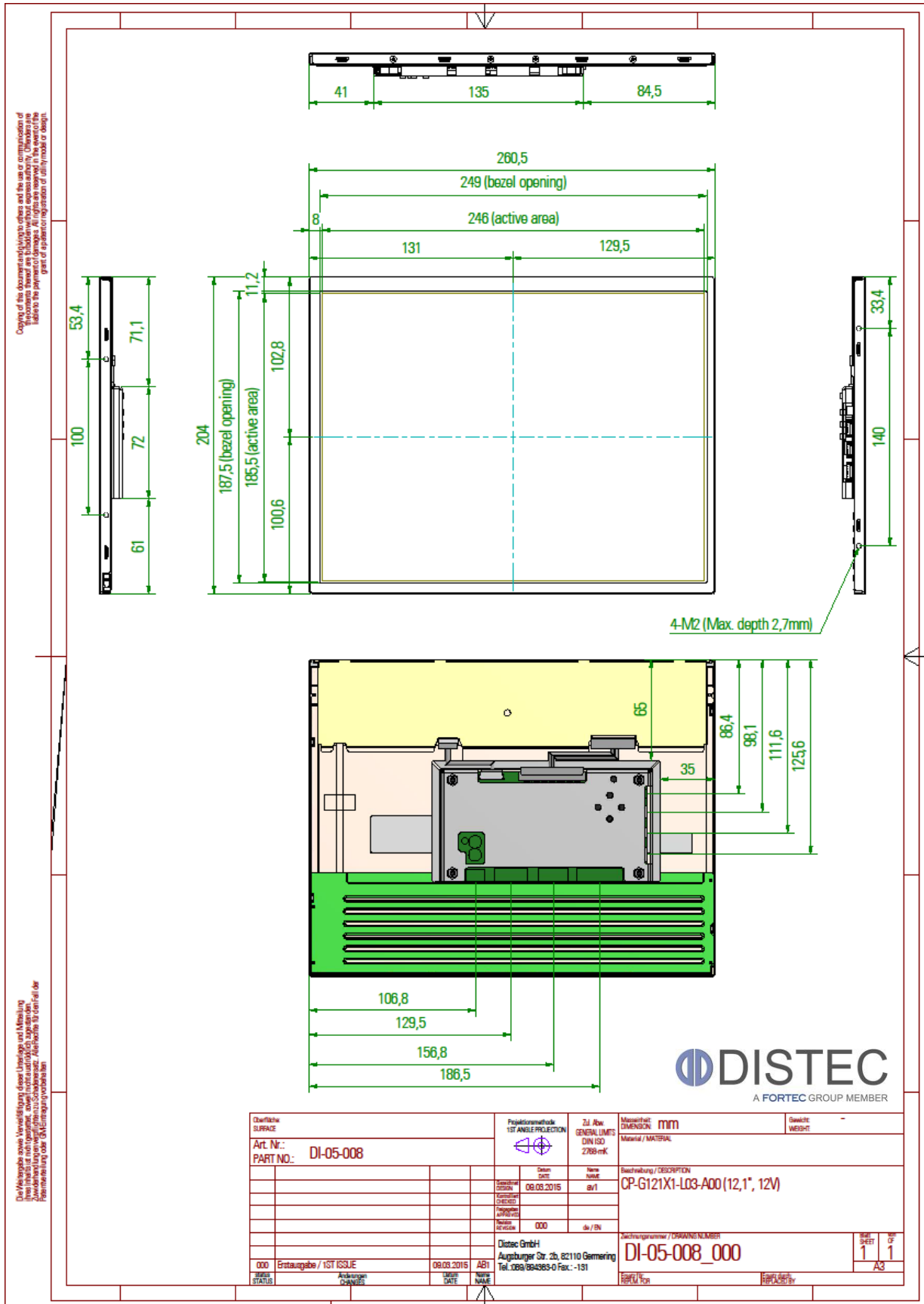
Left mounting holes have a distance of 140 mm to each other.

Right mounting holes have a distance of 100 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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