



OUR GLOBAL
COMPETENCE
CENTRES

 APOLLO DISPLAY
TECHNOLOGIES



 DISTEC



 DISPLAY
TECHNOLOGY



Datasheet

Next Generation Compact Panel

CP-G150XNE-L01-00

DI-05-019

Version 1.0

The information contained in this document has been carefully researched and is, to the best of our knowledge, accurate. However, we assume no liability for any product failures or damages, immediate or consequential, resulting from the use of the information provided herein. Our products are not intended for use in systems in which failures of product could result in personal injury. All trademarks mentioned herein are property of their respective owners. All specifications are subject to change without notice.

Table of Contents

1	Revision History	3
2	Description	3
3	Characteristics	4
3.1	Further Specifications.....	4
3.1.1	TFT Controller	4
3.1.2	TFT-Display	4
3.2	Reverse Scan/Scan Direction Option	5
4	Mechanical Drawing	6
5	Optional Accessories	7
5.1	Kit Input Connector Board including cable set	7
5.2	Single Cables (Power Cable, DVI, VGA, RS232 interface)	8
5.3	External (4+1) Button OSD Keypad	8
5.4	IR-Remote.....	9

1 Revision History

Date	Rev.No.	Description	Page
26.04.2021	1.0	Initial release	All

2 Description

Distec's Next Generation 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-G150XNE-L01-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

Items	Unit	Specification
Type	LCD TFT	CP-G150XNE-L01-A00
Screen Diagonal	[inch]/[mm]	15/38,1
Physical Size H x V x D	[mm]	326,5 x 253,5 x 17,4
Active Area H x V	[mm]	304,1 x 228,1
Pixels H x V		1024x3(RGB)x768 XGA
Supported Colors		16,2M (8bit)
Brightness	[cd/m ²]	500
Viewing Angle / reverse scan option	° / -	88/88/88/88 / yes
Nominal Input Voltage	[V]	12 typ.
Typical Power Consumption	[W]	13 typ.
Weight	[kg]	1,15 max.
Electrical Interface		RGB, TMDS, DisplayPort, UART
Temperature Range	[°C]	-20...+80

3.1 Further Specifications

3.1.1 TFT Controller

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

3.1.2 TFT-Display

Innolux G150XNE-L01 [Datasheet G150XNE-L01](#)

3.2 Reverse Scan/Scan Direction Option

This CompactPanel is able to rotate the image by 180°.

With this CompactPanel the Scan Direction is reverse disable for normal orientation.

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



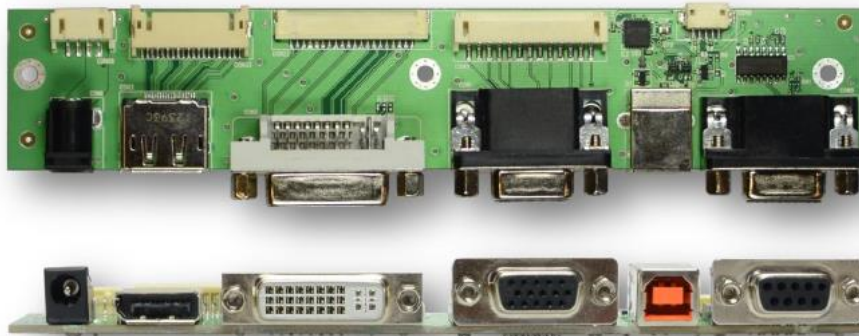
Note:

Use reverse scan changes the mechanical alignment

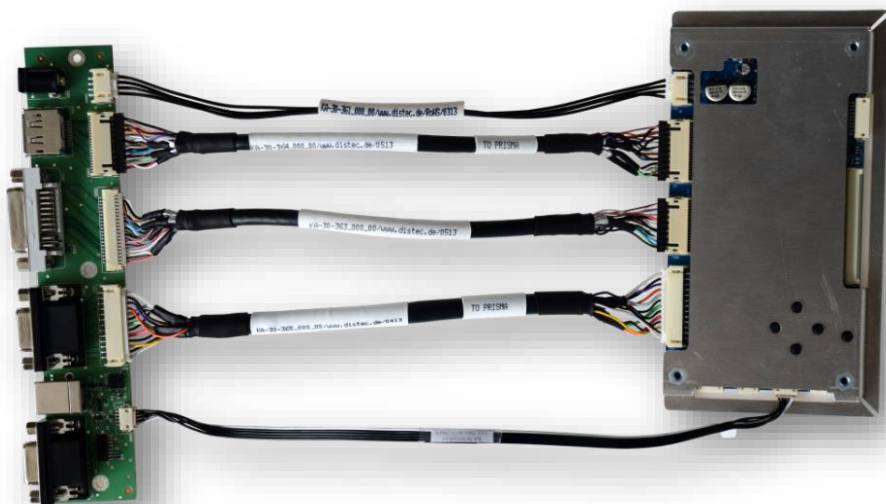
5 Optional Accessories

5.1 Kit Input Connector Board including cable set

- Connectors: Power-Jack, DP, DVI-I, VGA DSUB15, [USB-B/DSUB9] (Serial interface for firmware update and remote control)
- IF 396 cable connection set 20cm (Power, DP, DVI, RGB, UART)



ZU-02-396 IF396-00 RDDP-UR Input Board P-C Media



Order number:

KI-90-008 Kit CP-Input Board IF396 incl. cables

(Kit including the following components)

- ZU-02-396 IF396-00 RDDP-UR Input Board P-C Media
- KA-30-365 Cable RGB IF396/PrismaCompactMedia 20cm
- KA-30-363 Cable DVI IF396/PrismaCompactMedia 20cm
- KA-30-364 Cable DP IF396/PrismaCompactMedia 20cm
- KA-30-361 Cable POW IF396/PrismaCompactMedia 20cm
- KA-30-362 Cable UART IF396/PrismaCompactMedia 25cm

5.2 Single Cables (Power Cable, DVI, VGA, RS232 interface)

USB interface + cable for Remote Control and Firmware update

ZU-02-430 IF430-00 USB to Serial UART Converter
KA-30-101 Cable Service/Debug ArtistaNET/Pris 80cm



VGA Cable

KA-03-027 VGA Cable LTM150XI/170EI female 80cm



DVI Cable

KA-30-382 Cable DVI-D Female / PCompactMedia 80cm



HDMI Cable

KA-30-577 Cable HDMI-A Male / PCompactMedia 80cm



Power Supply Cable

KA-30-749 Cable DC Power Jack 2,5mm/PHR-4 800mm



5.3 External (4+1) Button OSD Keypad



External (4+1) Button OSD Keypad:

- ZU-02-398 IF398-00-OSD-Board-Universal
- KA-30-394 OSD-Cable IF398

5.4 IR-Remote

- Alternative to internal/external keypads, the CompactPanel can also be controlled through a remote control device. In order to communicate through IR, an IR-receiver can be attached via connector to the CompactPanel.



IR-Remote Set:

- RC-10-007 IR Remote Control / RC-5 Code
- ZU-02-406 IF406-00 IR-Sensor
- KA-30-467 Cable Prisma/IF406 (IR-Sensor) 1000mm
- ZX-42-179 Battery 1,5V Micro (AAA) Energizer (optional, sell 2 pcs)

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

Headquarters

Germany



FORTEC Elektronik AG

Augsburger Str. 2b
82110 Germering

Phone: +49 89 894450-0
E-Mail: info@forteca.de
Internet: www.forteca.de

Fortec Group Members

Austria



Distec GmbH Office Vienna

Nuschinggasse 12
1230 Wien

Phone: +43 1 8673492-0
E-Mail: info@distec.de
Internet: www.distec.de

Germany



Distec GmbH

Augsburger Str. 2b
82110 Germering

Phone: +49 89 894363-0
E-Mail: info@distec.de
Internet: www.distec.de

Switzerland



ALTRAC AG

Bahnhofstraße 3
5436 Würenlos

Phone: +41 44 7446111
E-Mail: info@altrac.ch
Internet: www.altrac.ch

United Kingdom



Display Technology Ltd.

Osprey House, 1 Osprey Court
Hichingbrooke Business Park
Huntingdon, Cambridgeshire, PE29 6FN

Phone: +44 1480 411600
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk

USA



Apollo Display Technologies, Corp.

87 Raynor Avenue,
Unit 1 Ronkonkoma,
NY 11779

Phone: +1 631 5804360
E-Mail: info@apolloDisplays.com
Internet: www.apolloDisplays.com