

OUR GLOBAL COMPETENCE CENTRES



 APOLLO DISPLAY
TECHNOLOGIES



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Compact Panel – Ultra Flat Design



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COMPACT PANEL DESCRIPTION



The Compact Panel is based on our PrismaCOMPACT-Media TFT controller board.

The flat and modular-based design allows an easy mounting on most available TFT displays.

- Build a Compact Panel quickly and flexibly with Compact Module
- Displays with a flat rear side
- For 3,3V or 5V logic voltage displays
- Analog or PWM / 12V or 5V driven backlight units (BLU)
- Single/Dual channel LVDS 8bit signal non-conventional (openLDI)
- On-Board OSD keypad
- OSD adjustable option pin for scan direction
(Scan direction depends on TFT-Display hardware; Scan direction changes the mechanical alignment)
- Input: 12V power supply, DisplayPort, HDMI, DVI, VGA, RS232



Ultra Flat Compact Module PrismaCOMPACT-Media

COMPACT PANEL MODELS

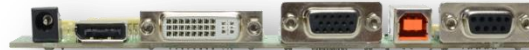
THE COMPACT PANEL FAMILY OFFERS A LARGE NUMBER OF STANDARD DISPLAY SIZES:

Product	Part Number	Size	Resolution		Brightness cd/m ²	Viewing Angle (v/h)	Temperature Range (T _{op})
<u>CP-G101EVN01.0-A00</u>	DI-05-007	10.1"	WXGA	1280x800	300	170°/170°	-20...+60°C
<u>CP-G121X1-L03-A00</u>	DI-05-008	12.1"	XGA	1024x768	600	140°/160°	-20...+65°C
<u>CP-B140HAN01.1-A00</u>	DI-05-015	14.0"	FHD	1920x1080	300	178°/178°	0...+50°C
<u>CP-G150XGE-L04-A00</u>	DI-05-005	15.0"	XGA	1024x768	400	140°/160°	-20...+70°C
<u>CP-G170EG01 V1-A00</u>	DI-05-002	17.0"	SXGA	1280x1024	350	140°/160°	-20...+70°C
<u>CP-G185XW01 V2-A00</u>	DI-05-011	18.5"	WXGA	1366x768	450	160°/170°	0...+60°C
<u>CP-G190EG01 V1-A00</u>	DI-05-003	19.0"	SXGA	1280x1024	350	160°/170°	0...+50°C
<u>CP-G215HVN01.0-A00</u>	DI-05-009	21.5"	FHD	1920x1080	300	178°/178°	0...+55°C
<u>CP-P270HVN01.0-A00</u>	DI-05-014	27.0"	FHD	1920x1080	350	178°/178°	0...+50°C
<u>CP-P320HVN02.0-A01</u>	DI-05-013	32.0"	FHD	1920x1080	500	178°/178°	0...+50°C

COMPACT PANEL ACCESSORIES

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)



IF396-00 RDDP-UR Input Board P-C Media

KIT CP-Input Board IF396 incl. cables (Order no. KI-90-008) 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



COMPACT PANEL ACCESSORIES

SINGLE CABLES

RS232 interface + cable for remote control and firmware update

ZU-02-370 IF370-00-R10programingadap.Pris./Art.NET

KA-30-101 Cable Service/Debug ArtistaNET/Pris 80cm

VGA Cable

KA-30-488 Cable PCompactMedia/DSUB15 female 800mm

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-31-030 Cable DC Power Jack 2,1mm/PHR-4 800mm

Power Supply

NT-01-062 AC Adapter CWT KPL-060F-VI(C14/12V5A)2,1



COMPACT PANEL ACCESSORIES

OSD KEYPAD

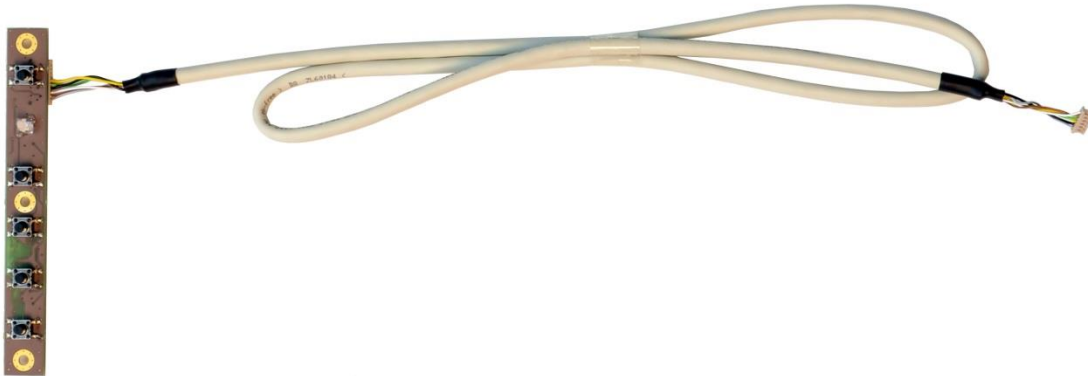
External 4+1 Button OSD Keypad

ZU-02-398

IF398-00-OSD-Board-Universal

KA-30-394

Cable OSD IF398/PrismaCompactMedia 80cm



COMPACT TOUCH OPTION

PROJECTED CAPACITIVE TOUCH: AVAILABLE FOR ALL OUR COMPACT PANELS



- Available glass: Distec standard (1.1 to 4mm) or customized up to 15mm
- True Flat Design
- PCAP: Sensorfoil for low overall height and low weight
- Up to 10 touchpoints (depends on cover glass thickness)
- Chip on board / Chip on flex
- Interfaces: USB (HID), RS232, I2C
- Supported OS: Windows, Linux, Android, Mac, QNX
- Glove usage or palm recognition (on request)
- Detection of water / blood / salt water (on request)
- Tape bonding or optical bonding: **VACUBOND**[®]



CONTACT FORTEC GROUP

Headquarters

Germany



FORTEC
ELEKTRONIK AG

FORTEC Elektronik AG
Lechwiesenstr. 9
86899 Landsberg am Lech

Phone: +49 8191 91172-0
E-Mail: sales@fortecag.de
Internet: www.fortecag.de

Fortec Group Members

Austria



FORTEC
ELEKTRONIK AG

FORTEC Elektronik AG Office Vienna
Nuschinggasse 12
1230 Wien

Phone: +43 1 8673492-0
E-Mail: office@fortec.at
Internet: www.fortec.at

Germany



DISTEC
A FORTEC GROUP MEMBER

Distec GmbH
Augsburger Str. 2b
82110 Germering

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

Switzerland



ALTRAC
A FORTEC GROUP MEMBER

ALTRAC AG
Bahnhofstraße 3
5436 Würenlos

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

United Kingdom



DISPLAY TECHNOLOGY
A FORTEC GROUP MEMBER

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
A FORTEC GROUP MEMBER

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