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Datasheet

Distec

POS-4K-170-00-PRO
17" Square Monitor with Prisma-4K

MO-06-203



Version 0.5

08.03.2021

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Preliminary

1 Revision History

Date	Rev.No.	Description	Page
07.04.2020	0.1	Preliminary Version	All
19.11.2020	0.2	Revised description, drawing and interface image added	2,5,6,8
14.01.2021	0.3	Revised description, order of characteristics and new cover/last page	5, 6
01.03.2021	0.4	Illustration OSD Keypad added	6
08.03.2021	0.5	Brightness corrected	6

Preliminary

2 Description

Distec's 17" POS-4K-170-00-PRO is a CE certified/IP65 proof front monitor solution with UHD/3840x2160 resolution, featuring the 4K TFT controller board PrismaECO-4K. Therefore, it is the perfect platform for projects requiring a brilliant, detailed visualization and high-quality workmanship.

Its robust but slim cover offers all options for integration and various applications. The POS-4K-170-00-PRO is equipped with an industrial high-brightness display and is designed for long term availability.

The POS-4K Series features:

- an integrated 10 finger PCAP touchscreen
- an ambient light sensor for automatic brightness adjustment to ambient light conditions
- integrated passive cooling, which allows operating the system under full load even at high ambient temperatures
- VESA Mounting holes for using it as an HMI, mounted on a swivel arm or monitor stand
- As Option: in-wall mounting frame for a variety of integrations in concrete, wooden, or drywall constructions

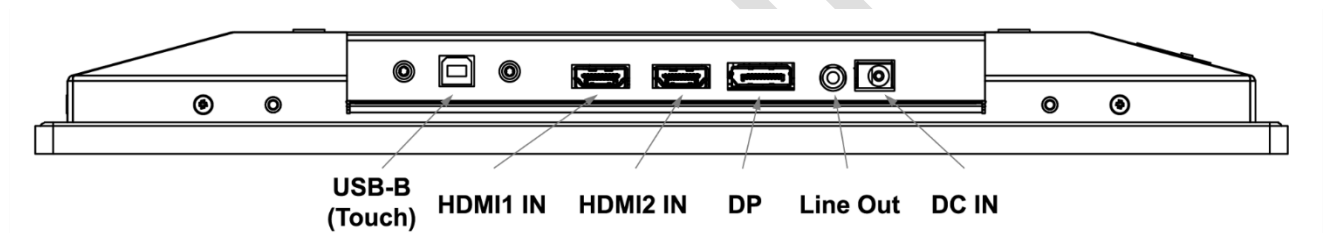
PrismaECO-4K provides:

- HDMI2.0 and DisplayPort 1.2 input interfaces
- auto detection for all input ports
- auto image position/color
- PIP and PBP
- 2x8W (8Ω) stereo speaker output
- An OSD keypad for full access to OSD menu board (→ [PrismaEco-4K Datasheet](#))

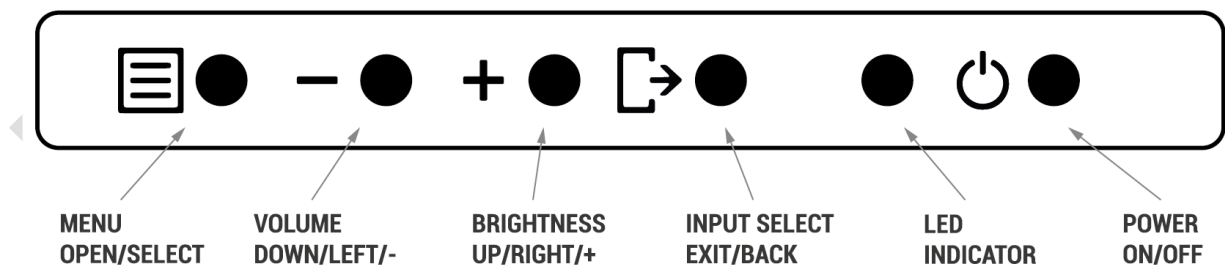
3 Characteristics

Items	Unit	Specification
Screen Diagonal	[inch]	17.0
Pixels H x V		1.920 x 1.920
Supported Colors		16.7M (8bit color)
Brightness	[cd/m ²]	500
Viewing Angle	v/h	89/89/89/89
Nominal Input Voltage	[V]	12
Typical Power Consumption	[W]	29.3
Electrical Interface		12V, Audio, 2x HDMI, DisplayPort
PCAP Touchscreen Touchpoints	finger	10
Storage Temperature	[°C]	-20 to +60
Operating Temperature Range	[°C]	0 to +50
IP rating		Front IP65
Physical Size H x V x D	[mm]	336.6 x 332.6 x 34.4
Active Area H x V	[mm]	306 x 306
Weight	[kg]	3

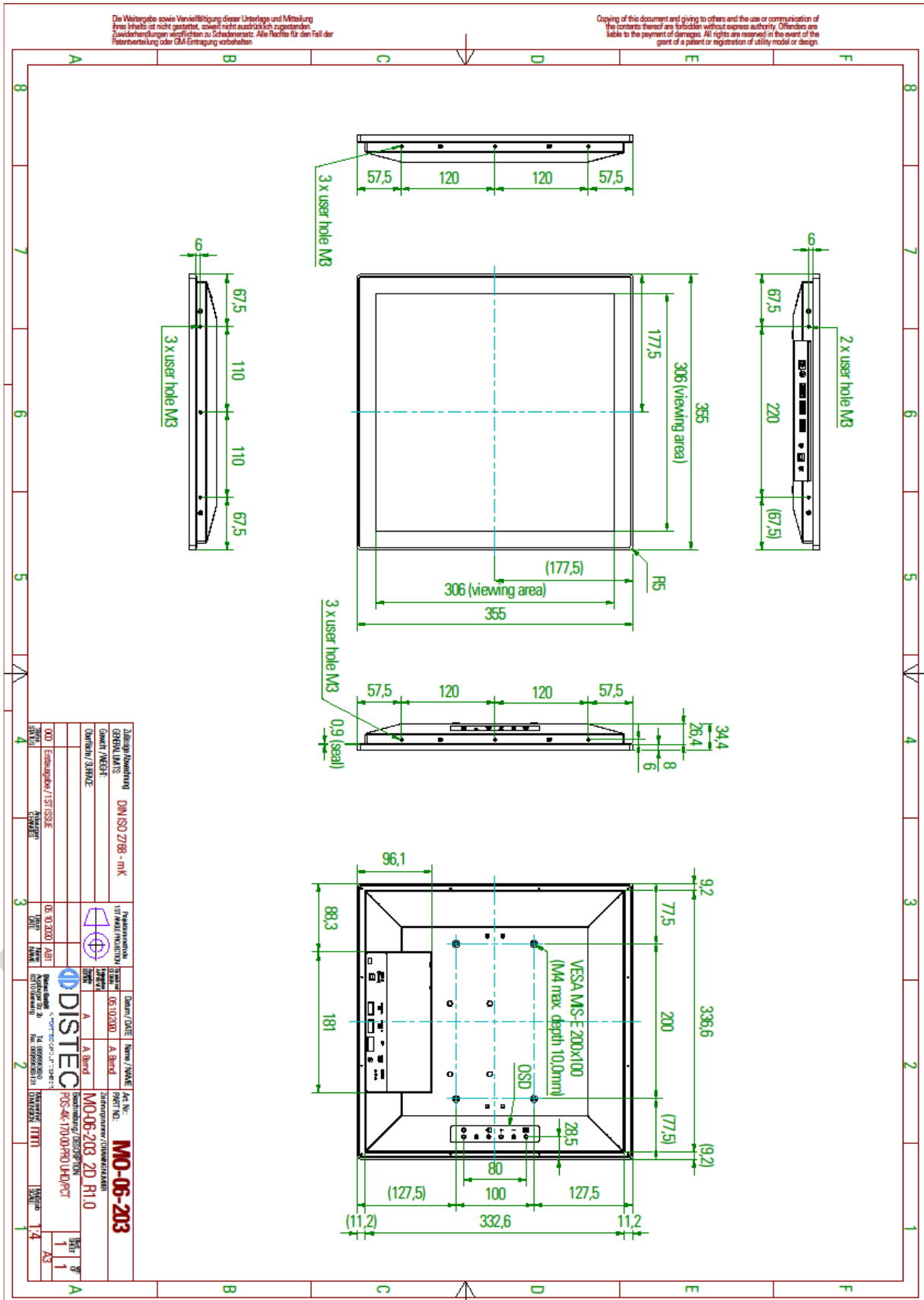
3.1 Interfaces



3.2 OSD Keypad



4 Mechanical Drawing



5 Optional Accessories

5.1 Mounting Frame

tbd

5.1.1 Mounting instruction

tbd

Preliminary

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