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Datasheet

Distec

POS-4K-173-00-PRO

17.3" Monitor with Prisma-4K

MO-06-202

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
20.11.2020	0.2	Interface Image added; first page updated	6
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	Mounting Frame, Mounting Instructions added	8, 9

Preliminary

2 Description

Distec's 17.3" POS-4K-173-00-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-173-00-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

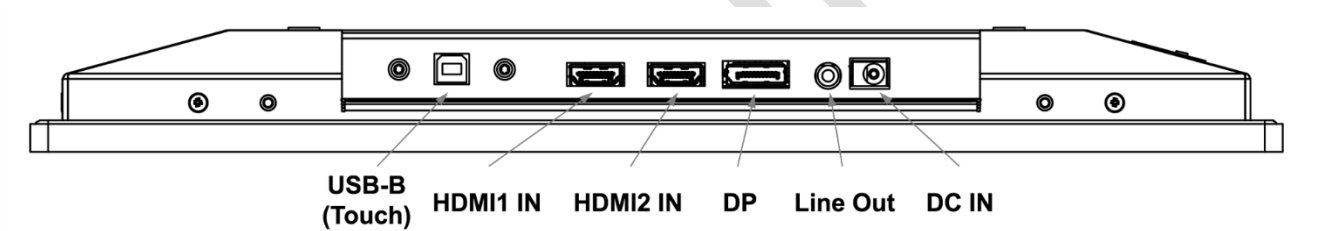
PrismaECO-4K provides:

- 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](#))

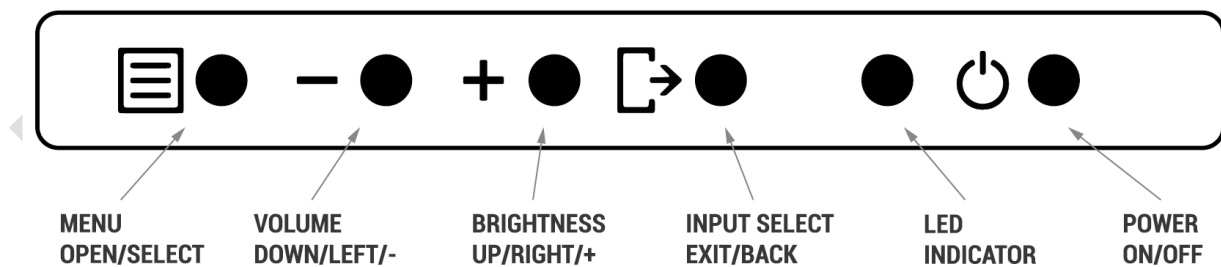
3 Characteristics

Items	Unit	Specification
Screen Diagonal	[inch]	17.3
Pixels H x V		3.840 x 2.160
Supported Colors		16.7M (8bit color)
Brightness	[cd/m ²]	320
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	Pcs.	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]	440.6 x 293.6 x 34.9
Active Area H x V	[mm]	382.12 x 214.94
Weight	[kg]	3

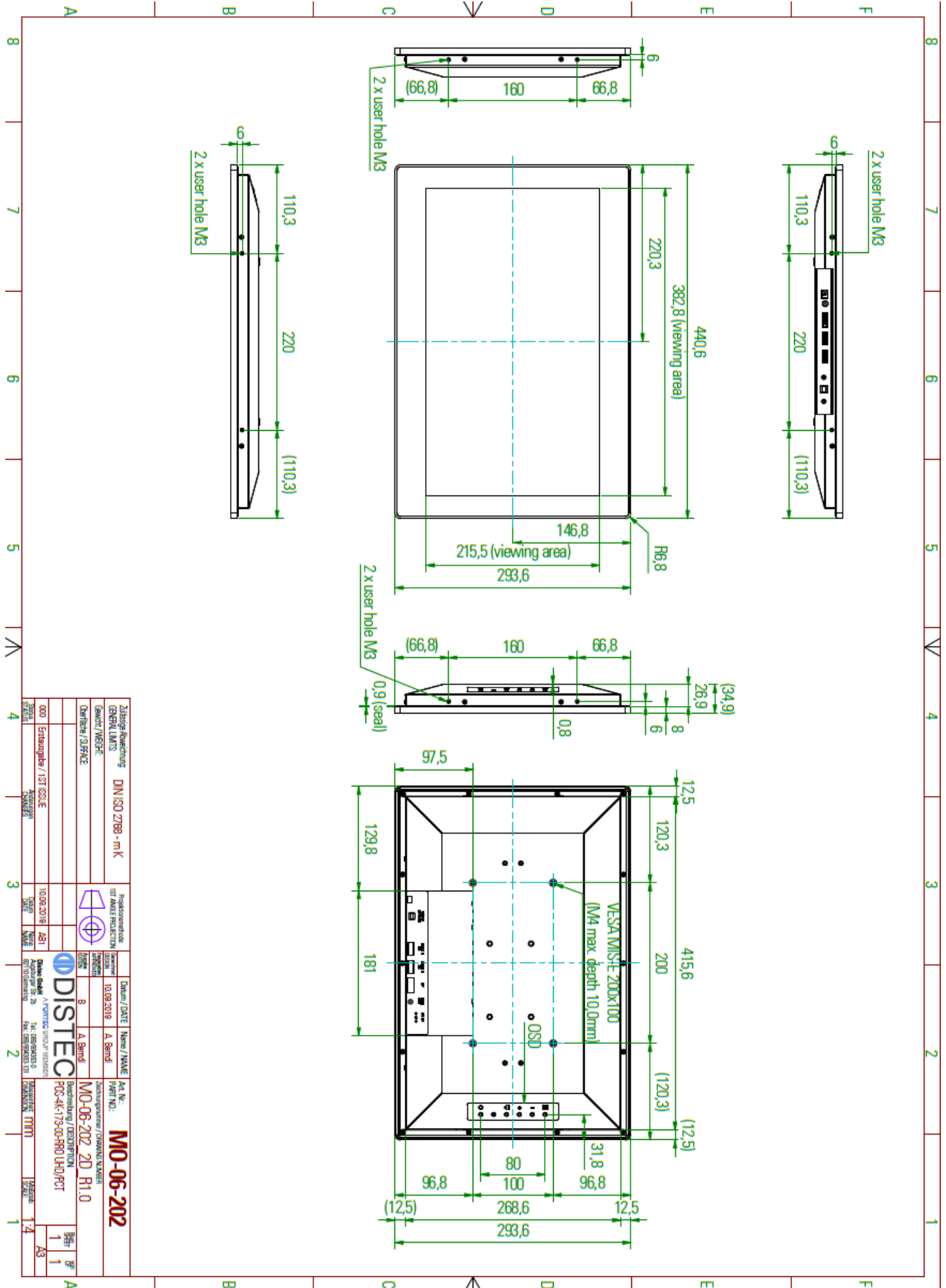
3.1 Interfaces



3.2 OSD Keypad



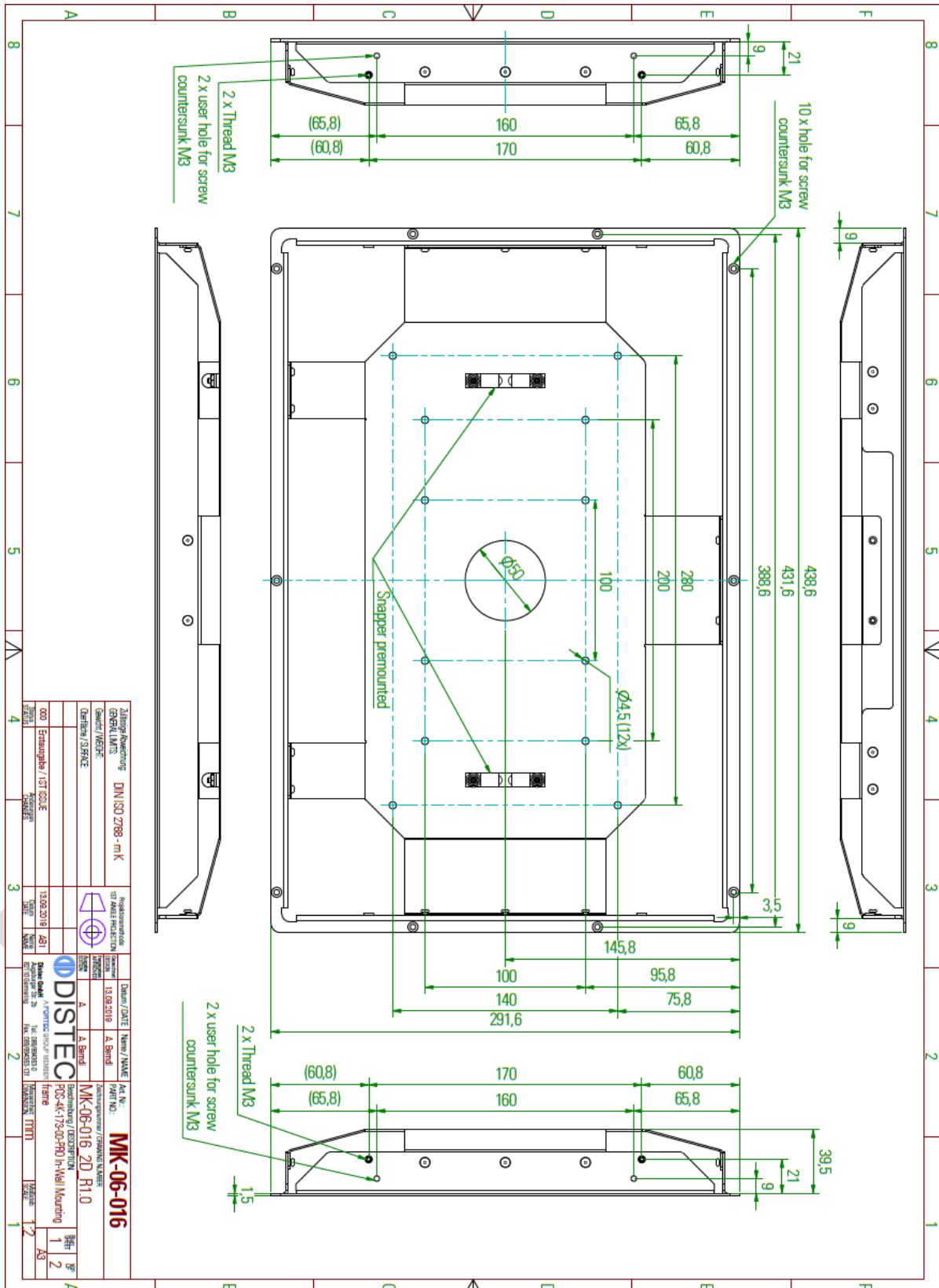
4 Mechanical Drawing



Zeilige Abzeichnung GENERAL LIMITS		DIN ISO 7208 - m/K		Rechtskonvention FIRST ANGLE PROJECTION		Datum / DATE		Name / NAME		Art. N°	
Gezeichnet / DRAWN		10.09.2018		A. Brand		10.09.2018		A. Brand		MO-06-202	
Überprüft / SURFACE		10.09.2018		A. Brand		10.09.2018		A. Brand		MO-06-202_2D_R1.0	
Zeichnungs-Nr. / DRAWING NUMBER		MO-06-202		Version / VERSION		R1.0		Autor / AUTHOR		AS	
Prozess-Nr. / PROCESS NUMBER		POS-4K-173-00-PRO		Gezeichnet / DRAWN		1		Überprüft / SURFACE		1	
Zeichnungs-Nr. / DRAWING NUMBER		MO-06-202		Version / VERSION		R1.0		Autor / AUTHOR		AS	
Prozess-Nr. / PROCESS NUMBER		POS-4K-173-00-PRO		Gezeichnet / DRAWN		1		Überprüft / SURFACE		1	

5 Optional Accessories

5.1 Mounting Frame



5.1.1 Mounting instruction

The enclosed snappers must be pre-assembled on the basic unit

2 x snapper mounted with Countersunk M4x6

rigid mounting option (no snap solution)
use of distance bolts M4x12 and screws M4 (Only accessible for installation of the device from behind)

Mounting dry wall/cement

cutout depth 40.0mm

mounting holes

Mounting on plate (frontmount)

10 x mounting holes

Additional mounting options via side holes and threads

Additional mounting options via side holes and threads

Zuständige Abteilung				Produktionscode				Datum / DATE				Name / NAME				Art. Nr.			
GENERAL LIMITS				SIF ANNE FROSTEN				13.09.2019				A Brand				MK-06-016 2D R1.0			
General / GENERAL				Version / VERSION								Produktionsnummer / PRODUKT NUMMER				POS-4K-173-00-PRO UHO/PCT incl.			
Order / ORDER				Material / MATERIAL								Montage / MOUNTING				MM			
000				13.09.2019				481								1:4			
000				13.09.2019				481								2			
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