



FORTEC
GROUP

POS-Line HB

Brilliant presentation in any light - monitor 31.5"

One partner, unlimited technology solutions

Product Features

Designed,
developed and
made in Germany

POS-HB 31.5

High Brightness

- Suitable for areas with bright ambient light such as shop windows, outdoors or in a brightly lit atrium, monitors with normal backlight brightness can be difficult to read.
- The monitor features a backlight brightness of 1500 cd/m²
- Equipped with temperature monitoring and brightness control
- In case of high temperatures or low ambient light, the monitor will automatically regulate the screen brightness down in steps.



- The monitors can optionally be supplemented with a removable PC box with Intel® Celeron or Intel® Core-i5 processors
- Customized solutions are also possible on a project basis

PCs available

Panel, Housing and Electric

POS-HB 31.5



POS-Line HB 31.5 monitor with front bezel

	Measure	Description
Panel Diagonal	[mm] / [Inch]	800.1/ 31.5"
Type		High bright open frame monitor
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m ²]	1500
Viewing angle (U/ D/ L/ R)	[°]	89/ 89/ 89/ 89
Backlight Number of colors	.. [M]	LED 16.7
Active area (H/V)	[mm]	703.4 x 397.9
Contrast ratio		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light until reaching half brightness	[h]	50.000
Continuous operating time	[h] / [d]	24/ 7
Mounting	[mm]	VESA MIS-F 400 x 400 (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors and OSD buttons		Landscape: bottom/ Portrait: left (front view)
Housing		Coated sheet steel, black RAL 9005
Power supply	[V]	AC 100 - 240
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for Euro pallet (max. 3 packages p.p.)
Package Contents		Safety instructions, power cable, Remote controller incl. battery

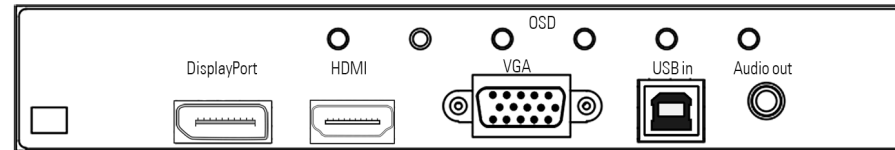
All figures are typical values. The real values of the panel may vary. The optical characteristics are determined after the panel has been „ON“ for approximately 30 minutes at an ambient temperature of 25° C (77° F).

Life time of the backlight is defined as the time to take until the brightness reduces to 50% of its original value.

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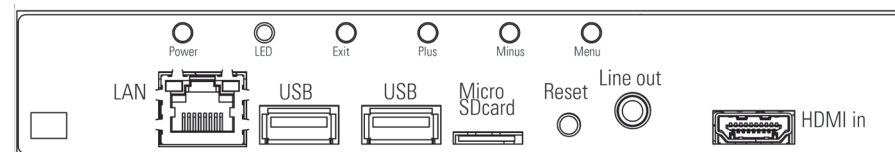
Video PME - VGA, HDMI, Display Port

POS-HB 31.5



Order number		DS-92-170
Interfaces		1x VGA, 1x HDMI, 1x DisplayPort, 1x Audio Line- Out, USB-B Remote; 1 x OSD 4 button
Power consumption (typ.)	[Watt]	100
Weight	[kg]	15.0
Dimensions (W x H x D)	[mm]	759 x 453.5 x 108.5

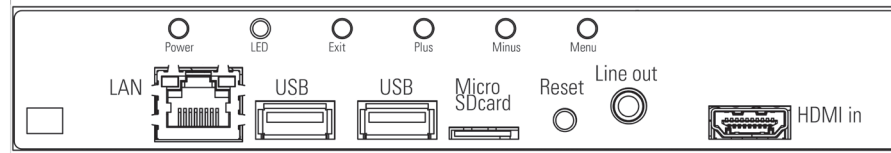
VideoPoster - Network Multimediaplayer



Order number		DS-92-171
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Power consumption (typ.)	[Watt]	100
Weight	[kg]	15.0
Dimensions (W x H x D)	[mm]	759 x 453.5 x 108.5
Package contents		USB Stick 8 GB

WebPoster M3 - Website Player

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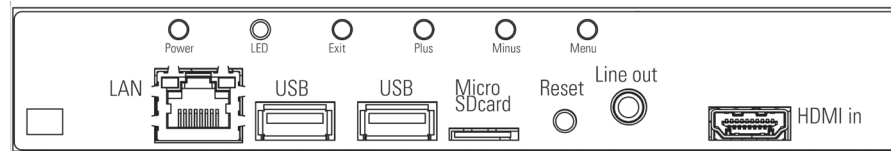


Order number		DS-92-210
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Raspberry® PI		CM3+, 32 GB
Power consumption (typ.)	[Watt]	100
Weight	[kg]	15.0
Dimensions (W x H x D)	[mm]	759 x 453.5 x 108.5

WebPoster M3 is an industrial FHD network player to show websites. It is a special designed Distec O/S for Artista IOT monitors.

Firmware is compatible with touchscreen applications.

IoT - Raspberry® IoT Controller



Order number		DS-92-169
Interfaces		1 x LAN, 2 x USB 2.0, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot, 1 x USB-B (only for content updates)
Raspberry® PI		CM3+, 32 GB
Power consumption (typ.)	[Watt]	100
Weight	[kg]	15.0
Dimensions (W x H x D)	[mm]	759 x 453.5 x 108.5

Options

Order number		DS-91-910
Name		Front bezel
Finish		Steel, powder coated, black RAL 9005
Weight	[kg]	1.40
Dimensions of monitor with option (W x H x D)	[mm]	762 x 456 x 110

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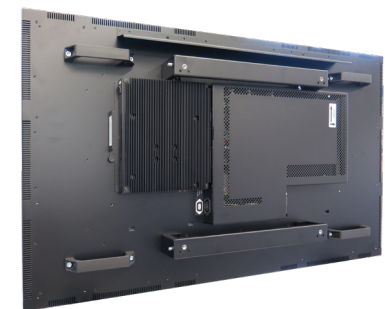
Bezel



Front bezel is a metal bezel for the open frame chassis and VESA mount.

Order number		DS-92-033
Name		PC Box extern IQ Core™-i5 DFI KU173
Description		PC module for external mounting
Interfaces		2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
PC		Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: min. 120 GB M.2Sata
Available for controller		Video PME
Fan		no
Weight	[kg]	2.60
Dimensions of monitor with option (W x H x D)	[mm]	240 x 257 x 48.5
Power supply		DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

External PC



Optional removable PC box with Core-i5 CPU. The PC box can be removed without taking the display down from the wall.

Options

Order number		DS-92-135
Name		PC-Box IQ Celeron®
Description		PC module for external mounting
Interfaces		2 x Gigabit LAN, 4 x USB 3.0, 2 x USB 2.0, 1 x HDMI, 1 x RS232/422/485
PC		Intel® Celeron® J3455 (1,5GHz/2,3GHz), RAM: 4 GB DDR3L Storage: min. 120 GB mSATA
Available for controller		Video PME
Fan		no
Weight	[kg]	1.70
Dimensions of monitor with option (W x H x D)	[mm]	240 x 260 x 50
Power supply		DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

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External PC



Optional removable PC box with Intel Celeron CPU. The PC box can be removed without taking the display down from the wall.

Accessories

Product	Order no.	Product description
SSD Extension Celeron®	DS-91-997	Extension for SSD MSATA up to 240 GB for IQ Celeron®
RAM Extension Celeron®	DS-91-975	Extension for RMA up to 8 GB for IQ Celeron®
SSD Extension Core™-i	DS-92-027	Extension for SSD M.2 up to 240 GB for IQ Core™-i5
RAM Extension Core™-i	DS-92-028	Extension for RMA up to 16 GB for IQ Core™-i5

Electronic

Accessories

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Cable

Product	Order no.	Product description
LAN for remote contr.	DS-92-087	for all versions, LAN RJ 45
Display Port cable	KA-40-105	Cable Display Port 1.2 4k male/ male 2m
Cable DP for remote control	KA-40-115	DP cable fo connection to PC, 0,5m
HDMI cable	KA-40-081	Cable HDMI 4K Typ A male/ male, 2m
Power cord UK	DB-07-226	Power cord UK 1,8 m
Power cord USA	DB-07-238	Power cord USA 1,8 m

Software

Product	Order no.	Product description
WIN 10 IOT Core™-i	DS-60-898	Embedded operation system 2019 LTSC
WIN 10 IOT Celeron®	DS-60-899	Embedded operation system 2019 LTSC
IoT Raspberry Pi OS	DS-60-859	for POS-Line IoT

Windows 10 IoT Enterprise is a full version of Windows 10 that provides enterprise manageability and security for embedded devices and IoT solutions such as medical devices, industrial automation, measurement systems, and more. It's a binary equivalent of Windows 10 Enterprise, so you can use the same familiar development and management tools as you would on client PCs and laptops. The embedded version of Windows 10 IoT Enterprise is supported by Microsoft for at least 10 years.

Mounts and Covers

Product	Order no.	Product description
Wall mount	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Cable cover for connctetors	DS-91-723	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the PME series from 31.5" up to 54.6"
Cable cover for connctetors	DS-91-578	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the IQ Series from 31.5" up to 54.6". Also suited for optional PC boxes DS-92-033 and DS-92-135.
Cable cover for connctetors	DS-91-922	Cable cover. Only available in combination with covers DS-91-723 and DS-91-578.

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