



FORTEC
GROUP

POS-Line 64.5

One look - many functions and options

One partner, unlimited technology solutions

Product Features

POS-Line 64.5



Monitor description

- Highly variable industry monitor solution
- robust, slim cover offers all options for integration and various applications and various modern business scenarios
- equipped with industrial displays and designed for long term availability
- light and slim design presents a modern small look
- passive cooling allows operating the system under full load even at high ambient temperatures
- VESA Mounting holes for using as an HMI or mounted on a stand
- special wall mount available
- safety glass or touchscreens available



POS-Line IOT

- featuring the Raspberry Pi CM3+ based TFT platform Artista-IoT
- industrial functions like Real-Time-Clock and others
- Basis configuration: CM3+ | 32GB
- Standard configuration: Raspberry Pi®



POS-Line IQ

- two variants of PC configuration
- High performance Intel® Celeron® J3455 processor with 4GB highspeed RAM and an industrial grade SSD with 128 GB memory
- High performance Intel® Core™-i5-7300 (2,6GHz~3,5GHz) processor with integrated graphic card, 8GB DDR4 RAM and 120GB M.2Sata

Robust Monitor Series

Touchscreen possible

Variable front options

Panel and Housing

POS-Line 64.5

	Measure	Description
Panel Diagonal	[mm] / [Inch]	1639.1/ 64.53
Type		Open -frame monitor (bezels, true-flat glass solutions are available under options)
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m ²]	500
Viewing angle (U/ D/ L/ R)	[°]	89/ 89/ 89/ 89
Backlight Number of colors	— [M]	LED 16.7
Active area (H/V)	[mm]	1428.4 x 803.52
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 800 x 400 (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40 / 32 ~ 104
Storage/ Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors and OSD buttons		Landscape: bottom/ Portrait: left (front view)
Housing		Powdered steel sheet, black RAL 9005
IP grade		IP 65 on the front if option TrueFlat glass
Power supply	[V]	AC 110 - 240
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging single packaging for EURO pallet (max.2 packages p.p.)
Package Contents		Safety instructions



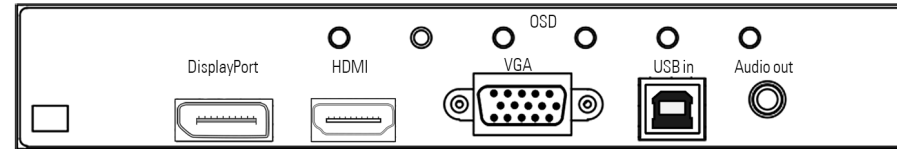
Monitor with front bezel an with TrueFlat glass

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.

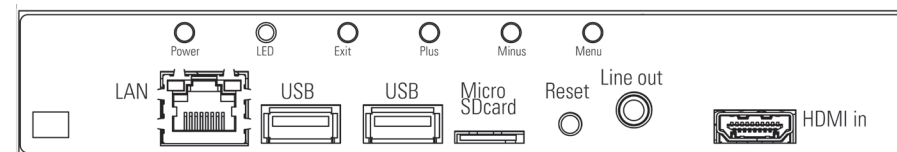
Video PME - VGA, HDMI, Display Port

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Order number		DS-91-954
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Audio Line-Out, 1 x USB-Remote, 1 x OSD 4 button
Power consumption (typ.)	[Watt]	180
Weight	[kg]	44.0
Dimensions (W x H x D)	[mm]	1480.0 x 855.0 x 122.0
Package contents		SVGA cable

VideoPoster - Network Multimediamplayer

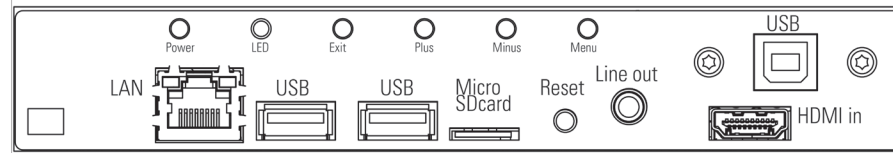


Order number		DS-91-956
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Power consumption (typ.)	[Watt]	170
Weight	[kg]	44.0
Dimensions (W x H x D)	[mm]	1480.0 x 855.0 x 122.0
Package contents		USB Stick 8 GB

IOT - Raspberry® IoT Controller

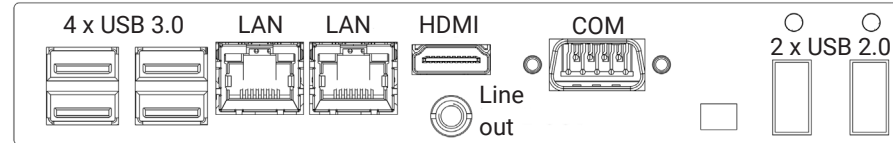


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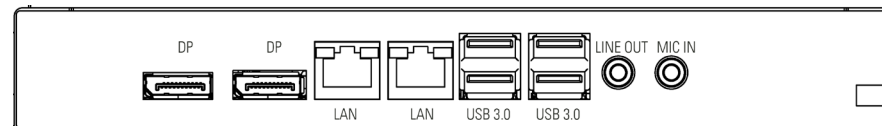
Order number		DS-91-985
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot, 1 x USB-B (only for content updates)
Raspberry® PI		CM3+, 32 GB
Power consumption (typ.)	[Watt]	170
Weight	[kg]	44.0
Dimensions (W x H x D)	[mm]	1480.0 x 855.0 x 122.0

IQ Celeron - PC Intel® Celeron®



Order number		DS-92-187
Interfaces		2 x Gigabit LAN, 4 x USB 3.0, 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
Fan		no
Power consumption (typ.)	[Watt]	190
Weight	[kg]	44.0
Dimensions (W x H x D)	[mm]	1480.0 x 855.0 x 122.0

IQ Celeron - PC Intel® Core™ i5



Order number		DS-92-026
Features		Resolution 4K external via DisplayPort supported
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: 120 GB M.2Sata
Fan		no
Power consumption (typ.)	[Watt]	210
Weight	[kg]	46.0
Dimensions (W x H x D)	[mm]	1480.0 x 855.0 x 122.0

POS-Line 64.5

Various accessories are available for POS-Line monitors.
All monitors can be customized according to your specific requirements.

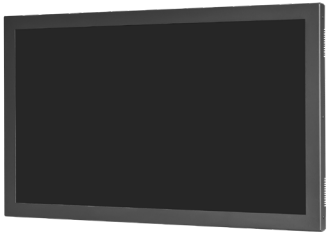
Please contact our sales team if you are interested in product modifications or custom designs.

Options

Order number		DS-91-951
Name		Front bezel
Finish		Steel, powdered, black RAL 9005
Can be combined with		Safety glass, ALS, remote control
Weight	[kg]	2.00
Dimensions of monitor with option (W x H x D)	[mm]	1484.0 x 859.0 x 123.0

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Bezel



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

Order number		DS-91-950	DS-91-952
Name		Safety glass	TrueFlat glass
Finish		Safety glass TSG, 5 mm anti glare	Safety glass TSG, 5 mm anti glare, printed black passepartout RAL 9005
IP grade		—	front IP 65**
Can be combined with		Front bezel, ALS, remote control	—
Weight	[kg]	15.00	18.00
Dimensions of monitor with option (W x H x D)	[mm]	1480.0 x 855.0 x 132.0	1540.0 x 917.0 x 130.0

Glass*



Safety glass is an accessory for the open frame chassis, in the picture with front bezel. It covers and protects the TFT-panel. TrueFlat glass is a safety glass with round corners and passepartout for open frame chassis.

*Glass and touch screens will reduce monitor brightness.

** depending on the customer's installation

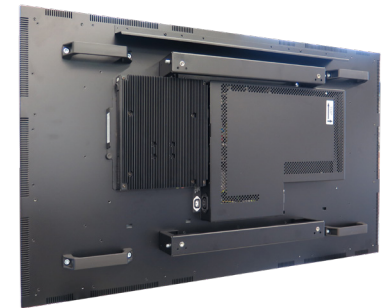
Accessories

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

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



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

Accessories

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Electronic

Product	Order no.	Product description
Remote control	DS-91-621	OSD remote controll for all displays of the Video PME series
Ambient Light Sensor	DS-91-963	ALS for all displays of the Video PME and VideoPoster, can be combined with front bezel and safety glass
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 RAM 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 RAM up to 16 GB for IQ Core-i5

Mount

Product	Order no.	Product description
Wall mount	DS-91-101	Titling wall mount from 46.0" to 64.5", VESA 800 x 450, only for Landscape
Wall mount PC	DS-92-094	Wall mount for external PC-Box
Cable cover for connctors	DS-91-960	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For POS-Line displays of the PME series 64.5"
Cable cover for connctors	DS-91-961	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For POS-Line displays of the IQ Series64.5". Also suited for optional PC boxes DS-92-033 and DS-92-135.
Cable cover	DS-91-962	Cable cover, only available in combination with covers DS-91-960 and DS-91-961

Cable

Product	Order no.	Product description
Cable DP for PC box	KA-40-115	DP cable for connection PC 0.5 m
Display Port cable	KA-40-105	Cable Display Port 1.2 4k 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

Accessories

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Software

Product	Order no.	Product description
WIN 10 IOT Celeron®	DS-60-899	Embedded operation system 2019 LTSC Entry
WIN 10 IOT Core™-i5	DS-60-898	Embedded operation system 2019 LTSC Value
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.

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