

# DATASHEET



 **DISTEC**  
A FORTEC GROUP MEMBER

## POS-LINE 64.5

**SIMPLY INTEGRATE  
VISUALISE YOUR CONTENT**

# Panel and housing

## POS-Line 64.5 monitor

Panel Diagonal	[mm] / [Inch]	1639.1/ 64.53
Type		Open -frame monitor (various bezels, true-flat glass and touch solutions are available under options)
Resolution	[Pixel)	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1428.48 x 803.52
Number of colors	[M]	1073.7 (PIIIA) 16.7 (PME, IQ Atom, IQ Core-i)
Contrast ratio		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	60.000
Continuous operating time	[h]/ [d]	24/7
Mounting	[mm]	VESA MIS-F 800 x 400 (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors		Landscape: bottom Portrait: left (front view)
Location of OSD buttons		Landscape: bottom Portrait: left (front view)
Housing		Powdered steel sheet DC01, black RAL 9005
Power supply	[V]	AC 100 - 240
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for each piece on special pallet for 1-2 units
Package Contents		Safety instructions, power cable



Open frame monitor

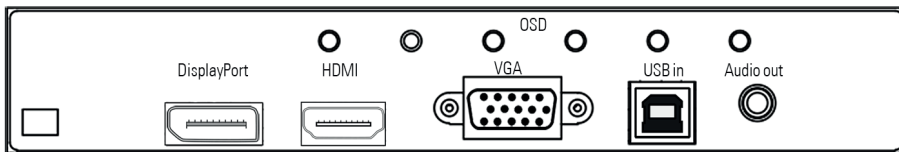




# VGA, HDMI, DisplayPort

## POS-Line 64.5 Video PME

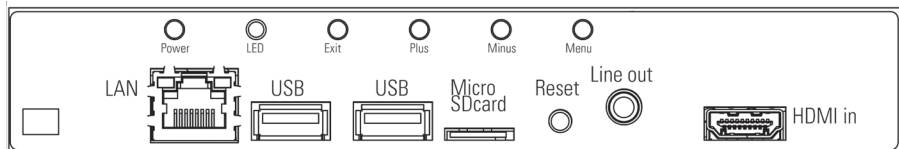
Order number		DS-91-954
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Audio Line-Out, 1 x USB-Remote, 1 x OSD 4 button
Power consump.(typ.)	[Watt]	190
Weight	[kg/ lb]	44.0/ 97.00
Dimensions (W x H x D)	[mm/ inch]	1480 x 855 x 122 58.27 x 33.66 x 4.80
Package contents		SVGA cable



# Network Mediaplayer

## POS-Line 64.5 VideoPoster

Order number		DS-91-596
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Power consump.(typ.)	[Watt]	181
Weight	[kg/ lb]	44.0/ 97.00
Dimensions (W x H x D)	[mm/ inch]	1480 x 855 x 122 58.27 x 33.66 x 4.80
Package contents		USB Stick 8 GB

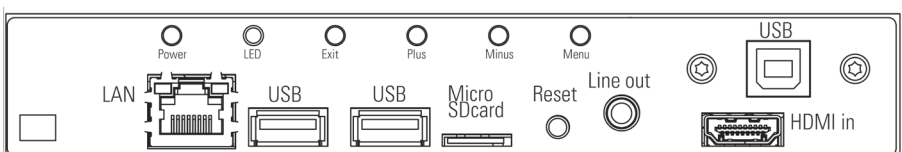


# Raspberry® IoT controller



## POS-Line 64.5 IoT

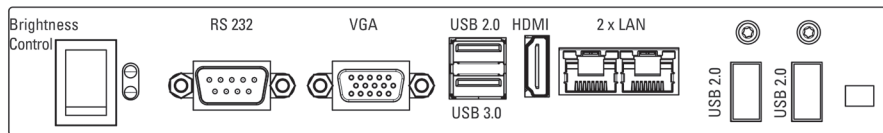
Order number		DS-91-985
Order number OS		DS-60-859
Interfaces		1 x LAN, 2 x USB 2.0, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot, 1 x USB-B (only for content updates)
Power consump.(typ.)	[Watt]	181
Weight	[kg/ lb]	44.0/ 97.00
Dimensions (W x H x D)	[mm/ inch]	1480 x 855 x 122 58.27 x 33.66 x 4.80



# PC Intel® Atom™

## POS-Line 64.5 IQ Atom

Order number		DS-91-959
Interfaces		2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232
PC		CPU: Intel® Atom™ E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 128 GB mSATA
Fan		No
Power consumption	[Watt]	200
Weight	[kg/ lb]	45.0/ 99.21
Dimensions (W x H x D)	[mm/ inch]	1480 x 855 x 122 58.27 x 33.66 x 4.80

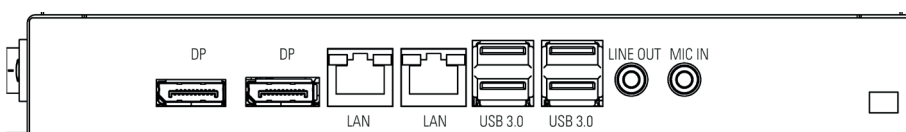


# PC Intel® Core™-i5



## POS-Line 64.5 IQ Core-i

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		CPU: 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	[Watt]	210
Weight	[kg/ lb]	46.0/ 101.41
Dimensions (W x H x D)	[mm/ inch]	1480 x 855 x 122 58.27 x 33.66 x 4.80



## Bezels/ Glass\*

Order number		DS-91-951	DS-91-950
Name		Front bezel	Safety glass
Finish		Steel, powdered, black RAL 9005	Safety glass TSG, 5 mm anti glare
Can be combined with		Safety glass, ALS, Remote control	Front bezel, ALS, Remote control
Weight	[kg/ lb]	2.0/ 4.41	15.0/ 33.07
Dimensions of monitor with option	[W x H x D] [mm/ inch]	1484 x 859 x 123 58.43 x 33.82 x 4.84	1480 x 855 x 132 58.27 x 33.66 x 5.20
Dimensions of monitor with both options together	[W x H x D] [mm/ inch]	1484 x 859 x 133 58.43 x 33.82 x 5.24	

## Options



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

Safety glass is an accessory for the open frame chassis. It covers and protects the TFT-panel.

## TrueFlat glass\*

Order number		DS-91-952
Name		TrueFlat glass
Glass		Safety glass TSG, 5 mm anti glare with black passepartout
Can be combined with		—
Weight	[kg/ lb]	18.0/ 39.68
Dimensions of monitor with option	[W x H x D] [mm/ inch]	1540 x 917 x 130 60.63 x 36.10 x 5.12

\*Cover glass and touches will reduce monitor brightness.

## Electronic

Order number	DS-91-622
Name	Soundbar external
Description	Active speaker kit on the bottom
Details	2 x 1.25 Watt, 5V, USB digital audio input, power via USB
Can be combined with	with all front options except TrueFlat bezel
Available for controller	IQ Atom™, IQ Core™-i, VideoPoster

## Accessories

## 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 Atom™	DS-91-997	Extension for SSD MSATA up to 240 GB for IQ Atom™
RAM Extension Atom™	DS-91-975	Extension for RMA up to 8 GB for IQ Atom™
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

## External PC

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	CPU: Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Available for contr.	Video PME
Fan	No
Weight [kg/ lb]	2.6/ 5.73
Dimensions [mm/ inch]	240 x 257 x 48.5/ 9.45 x 10.24 x 1.97
Power supply	DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

Order number	DS-91-930
Name	PC-Box IQ Atom™
Description	PC Module for external mounting
Interfaces	2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232
PC	CPU: Intel® Atom™ E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 8 GB DDR3L, Storage: min. 120 GB mSATA
Available for contr.	Video PME
Fan	No
Weight [kg/ lb]	1.7/ 3.75
Dimensions [mm/ inch]	240 x 260 x 50/ 9.45 x 10.24 x 1.97
Power supply	DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

## Accessories



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 Atom CPU. The PC box can be removed without taking the display down from the wall.

## Mounts, covers and cable

## Accessories

Product	Order no.	Product description
Wall mount	DS-91-101	Inclinable wall mount for all displays from 46" up to 64.5"
Protective cover	DS-91-604	Installed on top of the display, dust shield prevents liquid or falling dust from penetrating the electronic part of the monitor via the upper air vents
Cable cover for connctors	DS-91-960	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the PME series 64.5"
Cable cover for connectors	DS-91-961	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the IQ series 64.5". Also suited for optional PC boxes DS-92-033 and DS-91-930.
Cable cover for connectors	DS-91-962	Cable cover. Only available in combination with covers DS-91-960 and DS-91-961.
Display Port cable	KA-40-105	Cable Display Port 1.2 4k male/male 2m

## Operating systems, Software

Product	Order no.	Product description
WIN 10 IOT Atom™	DS-60-899	Embedded operation system 2019 LTSC
WIN 10 IOT Core™-i	DS-60-898	Embedded operation system 2019 LTSC
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system
WEBPOSTER	DS-60-787	WEBPOSTER embedded Linux

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.



Contact

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, Great Britain and the USA.  
For more information please contact:

**HEADQUARTER - GERMANY**

**FORTEC** FORTEC Elektronik AG  
ELEKTRONIK AG  
Augsburger Str. 2b  
82110 Germering

Phone +49 89 894363-0  
E-Mail sales@FORTECag.de  
Internet www.FORTECag.de

Designed,  
developed and  
made in Germany

**FORTEC GROUP MEMBERS**

**GERMANY**



Distec GmbH  
Augsburger Str. 2b  
82110 Germering

Phone +49 369207162-0  
E-Mail solution@distec.de  
Internet www.distec.de

**AUSTRIA**



Distec GmbH  
Office Vienna  
Nuschinggasse 12  
1230 Wien

Phone +43 1 8 67 34 92-0  
E-Mail info@distec.de  
Internet www.distec.de

**SWITZERLAND**



ALTRAC AG  
Bahnhofstraße 3  
5436 Würenlos

Phone +41 44 7 44 61 11  
E-Mail info@altrac.ch  
Internet www.altrac.ch

**UNITED KINGDOM**



Display Technology Ltd.  
Osprey House, 1 Sprey Court  
Hichingbrooke Business Park  
Huntingdon, Cambridgeshire  
PE29 6FN

Phone +44 14 80 41 16 00  
E-Mail info@displaytechnology.co.uk  
Internet www.displaytechnology.co.uk

**USA**



Apollo  
Display Technologies, Corp.  
87 Raynor Avenue,  
Unit 1, Ronkonkoma  
NY 11779

Phone +1 6 31 5 80 43 60  
E-Mail info@apollodisplays.com  
Internet www.apollodisplays.com