

DATASHEET

 **DISTEC**
A FORTEC GROUP MEMBER

POS-LINE
industrial monitors

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POS-LINE 15

SIMPLY INTEGRATE
VISUALISE YOUR CONTENT

Robust industrial monitor with 15" (38.1 cm) display and various options for controller, PC, bezels, glasses and touch.

- Open frame or desktop
- Bezel for front installation
- High quality LCD panel with LED backlight
- Touch technologie
- Video controller, integrated PC or media player
- TrueFlat glass, safety glass
- Portrait or landscape
- VESA or mounting brackets
- Aluminium chassis
- IP protected
- Screw terminal for power supply



Panel and housing

POS-Line 15"

Panel Diagonal	[mm] / [Inch]	381/ 15
Type		Open -frame monitor with 2 mounting brackets (various bezels, true-flat glass and touch solutions are available under options)
Resolution	[Pixel]	1024 x 768
Luminance (center)	[cd/m²]	400
Viewing angle	[°]	160 h / 140 v
Backlight		LED
Active area (H/V)	[mm]	304.1 x 228.1
Number of colors	[M]	16.7
Contrast ratio		700:1
Response time (on/off)	[ms]	16
Pixel class		ISO 9241-307 (pixel error class II)
Continuous operation	[hh/ d]	24/ 7
Life time back light	[h]	50.000
Mounting	[mm]	VESA 200 x 100
Storage temperature	[°C] / [°F]	-40 ~ 85 / -40 ~ 185
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	20 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors		Landscape: bottom Portrait: left (front view)
Location of OSD buttons		Landscape: top Portrait: right (front view)
Housing		Powdered Aluminium, black RAL 9005
Conformity		CE, FCC Class A, EU-RoHS

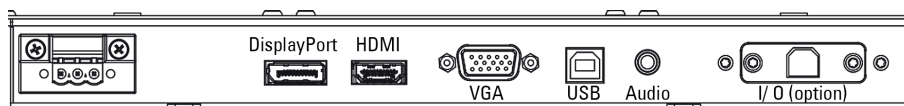


Open frame monitor including two standard brackets and all possible optional mounting brackets

VGA, HDMI, DisplayPort

POS-Line 15" Video PME

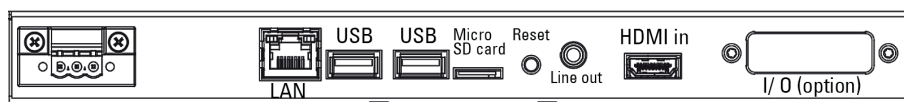
Order number		DS-91-766
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Audio Line-Out, 1 x USB-Remote
Operating temperature	[°C/ F°]	-20 ~ 65/ -4 ~ 149
Power supply	[V]	12
Power consumption (typ.)	[Watt]	10
Weight	[kg/ lb]	2.2/ 4.85
Dimensions (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01



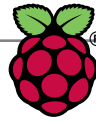
Network Mediaplayer

POS-Line 15" VideoPoster

Order number		DS-91-767
Interfaces		1 x LAN, 2 x USB, 1 x HDMI in, 1 x Line out, 1 x microSD card slot
Operating temperature	[°C/ F°]	-25 ~ 50/ -13 ~ 122
Power supply	[V]	12
Power consumption (typ.)	[Watt]	11
Weight	[kg/ lb]	2.3/ 5.07
Dimensions (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01

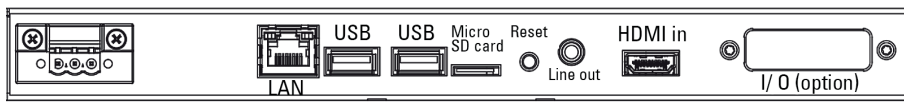


Raspberry® IoT controller



POS-Line 15" IoT

Order number		DS-91-816
Order number OS		DS-60-859
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot
Operating temperature	[°C/ F°]	-25 ~ 50/ -13 ~ 122
Power supply	[V]	12
Power consumption (typ.)	[Watt]	11
Weight	[kg/ lb]	2.3/ 5.07
Dimensions (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01



PC Intel® Atom



POS-Line 15" IQ Atom

Order number		DS-91-765
Interfaces		2 x Gigabit LAN, 1 x USB 3.0, 1 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232/422/485, 1 x RS232 (optional)
PC		CPU: Intel® Atom E3845 (1.9 GHz), RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA
Fan		no
Operating temperature	[°C/ F°]	0 ~ 45/ 32 ~ 113
Power supply	[V]	12 - 26
Power consumption (typ.)	[Watt]	19
Weight	[kg/ lb]	2.2/ 4.85
Dimensions (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01



Glass*

Order number		DS-90-194	DS-91-753
Name		Safety glass	TrueFlat glass
Glass		Safety glass TSG, 3 mm anti glare	Safety glass TSG, 3 mm anti glare, printed black passepartout
Can be combined with		Front bezel, Front plate	—
IP protection	front/ rear	IP 64 (in combination with bezel or plate)/ IP 20	IP 65/ IP 20
Weight	[kg/ lb]	0.60/ 1.32	1.00/ 2.20
Dimensions of monitor with option (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01	373.4 x 301.4 x 57.0 14.70 x 11.87 x 2.24

Options



Safety glass and touch are options for the open frame chassis. It covers and protects the TFT-panel.

Touches*

Order number		DS-91-345
Name		Resistive touch
Glass		Safety glass TSG, 2.2 mm anti glare
Touch points		1
Touch technology		5-wire analogue resistive
Can be combined with		Front bezel, Front plate
IP protection	front/ rear	IP 64 (in combination with bezel or plate)/ IP 20
Available for controller		Video PME, IoT, IQ Atom
Weight	[kg/ lb]	0.50/ 1.10
Dimensions of monitor with option (W x H x D)	[mm/ inch]	333.4 x 265.4 x 51.0 13.13 x 10.45 x 2.01



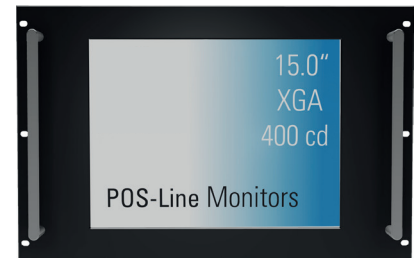
TrueFlat glass is a safety glass with round corners and passepartout for the open frame chassis.

*Cover glass and touches will reduce monitor brightness.

Rackmount

Order number		DS-91-789
Name		Front plate rackmount
Finish		Aluminum, powdered, black RAL 9005
Can be combined with		Resistive touch, Safety glass
IP protection	front/ rear	IP64 (in combination with glass/ touch) otherw. IP20/ IP 20
Weight	[kg/ lb]	0.7/ 1.54
Dimensions of monitor with option (W x H x D)	[mm/ inch]	482.6 x 311.2 x 94.5 19.0 x 12.25 x 3.72

Options



Bezel/ Plate

Order number		DS-91-323	DS-91-748
Name		Front bezel	Front plate
Finish		Steel, powdered, black RAL 9005	Aluminum, powdered, black RAL 9005
Can be combined with		Resistive touch, Safety glass	
IP protection	front/ rear	IP64 (in combination with glass/ touch) otherw. IP20/ IP20	
Weight	[kg/ lb]	0.50/ 1.10	
Dimensions of monitor with option (W x H x D)	[mm/ inch]	336.4 x 268.4 x 52.5 13.24 x 10.57 x 2.07	373.4 x 301.4 x 55.7 14.70 x 11.87 x 2.19



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

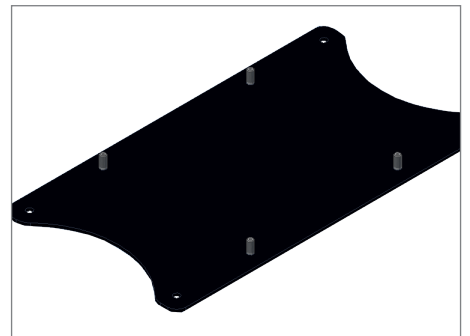
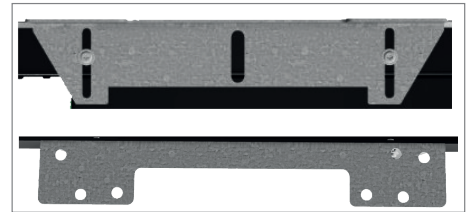


Mounting/ RS 232

Order number	DS-91-823
Name	2nd RS 232 port
Can be combined with	with all front options
Available for controller	Intel® Atom board

Order number	DS-91-797	DS-91-356
Name	VESA adapter plate	Mounting brackets
Description	Adaption from VESA 200 x 100 to VESA 100 x 100	Set of two additional mounting brackets
Can be combined with	with all front options	Open frame, front plate, safety glass, TueFlat glass, Touch
Available for controller	all	

Accessories



Power supply

Order number	NT-01-062
Name	Power supply 60 W
Description	12V/ 5A power supply max. op. temperature 45°C
Can be combined with	Video PME, VideoPoster, IoT, IQ Atom
Power cord EU 1,8 m	DB-07-225
Power cord UK 1,8 m	DB-07-226
Power cord USA 1,8 m	DB-07-238

Operating systems, Software

Product	Order no.	Product description
Windows 7 embedded 32 bit DE	DS-60-645	Operation system
Windows 7 embedded 32 bit EN	DS-60-650	Operation system
Windows 7 FES 64 bit DE	DS-60-725	Operation system
Windows 7 FES 64 bit EN	DS-60-781	Operation system
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.

FORTEC

ELEKTRONIK AG



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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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