DISTEC

A **FORTEC** GROUP MEMBER

Industrial Grade Monitors

PRODUCT OVERVIEW

POS-Line 15" up to 65"
Brilan 4K 75"
Fire Load Optimized Monitors 32" up to 55"
High Brightness Monitors 32" up to 55"
VideoWall Monitors 46"
Xtra-Line 27" up to 46"
Customized Monitors

MADE IN GERMANY since 1993

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Table of contents

Distec Headquarter in Germering near Munich

FORTEC ELEKTRONIK AG   DISTEC A FORTEC GROUP MEMBER

Distec GmbH is a subsidiary of the listed German Fortec Elektronik AG.

FORTEC acts on the market as a system supplier for device manufacturers of industrial high-tech products. The areas of expertise range from pure distribution, through development and production, to complete solutions.

Distec GmbH was founded in Germering near Munich in 1993 and is one of the pioneers of flat panel technology with proprietary hardware controllers. From the beginning, the industrial markets with their specific requirements for reliability in operation, longevity and long-term availability of the individual components were the focus.

Today, Distec GmbH develops and produces, among other things, long-lasting monitor solutions, which are characterized by a robust TFT display. Even difficult environmental conditions and harsh operating conditions pose no problem for our monitors. Reliability, flexibility and fail-safety - that's what Distec monitors stand for. Our standard products are often the basis for the development of customized solutions.
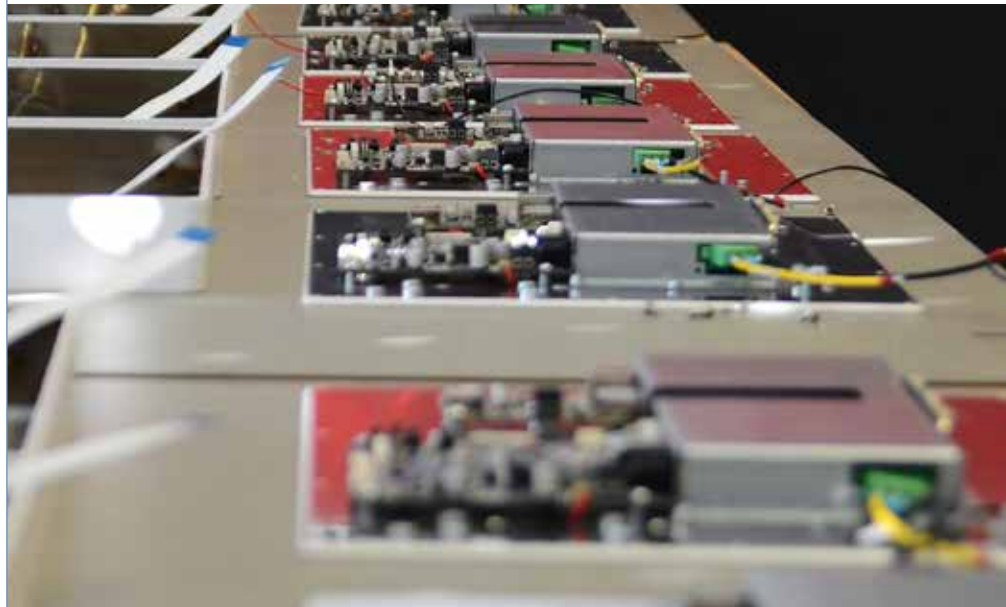
Customer proximity:

At our innovation and production sites in Hörselberg-Hainich near Eisenach and Germering near Munich we develop, design, produce and certify our products.

Company Headquarters, New York

Production site Hörselberg-Hainich, Germany

Experience and state-of-the-art system technology:
The engineers in our development centers draw on many years of experience with LCD panels and simultaneously focus on current and future technologies.

System solutions from a single source:
We are specialized in developing, manufacturing and delivering custom solutions in all areas such as mechanics, touch integration, electronic assemblies and software. This includes a variety of controls, from the simple video card to PCs of different power levels, monitors for all installation options including any required IP protection and integration into existing infrastructures.

Quality and service:
As an ISO9001: 2015 certified company, we develop, design and manufacture our monitor solutions according to industrial quality criteria. High-quality components, longevity - even under harsh operating conditions - as well as longer-term availability are standard.

POS-Line – Monitors from 15" up to 64.5"

Flexible installations with a wide range of frames and touches – for build-in, desktop or wall applications

Over 10 years of experience in manufacturing industrial display systems have been incorporated into the development of this series of monitors. The monitors of the POS-Une series have been developed in industrial quality and are particularly suitable for process monitoring and machine controls, interactive kiosk applications, and digital signage applications.

Flexibility for use in different applications and situations was the defined design goal. The POS-Line series can be used as an

- DISPLAY FOR INTEGRATION, WALL AND CEILING

- OPEN FRAME OR DESKTOP

- BEZEL FOR FRONT INSTALLATION

- VARIOUS BEZELS AND DESIGNS

- HIGH QUALITY LCD PANELS WITH LED BACKLIGHT

- VARIOUS TOUCH TECHNOLOGIES

- VIDEO-CONTROLLER, INTEGRATED PASSIVE COOLED PC OR MEDIA PLAYER

- TRUEFLAT GLASS, SAFETY GLASS

- PORTRAIT OR LANDSCAPE

- ROBUST METAL CHASSIS

POS-Line 46" monitor with front bezel for display of websites

POS-Line 24" monitor open-frame in industrial use

POS-Line 64.5" monitor with front bezel and glass as an information terminal at the airport

POS-Line 24" IoT for organisation of prozesses

open-frame monitor as well as - with a frame - as a desktop or wall mount monitor. Furthermore, there are additional frame options like true-flat glass or a front plate for a smooth front-side installation. The POS-Line monitors can be driven by various video signals like VGA, DVI, HDMI, DP as well from the input of PCs, which are completely integrated into the monitors. Depending on the application the monitors can be equipped with touch systems, e.g. resistive or projected capacitive touch (PCAP).
Solutions for 10.4"monitors are also available on project basis. Please contact us.

The large monitors of the POS-Line series are available in screen diagonal sizes 31.5" , 42", 46" , 54.6" and 64.5". Same as with similar to our smaller display units, these larger models are extensively configurable, and there is a variety of controller card types to choose from. In case an integrated PC is required, the monitor has a detachable PC-box, which makes the PCs for service purposes interchangeable, without the monitor having to must be removed from the wall.

SPECIALS FROM 15" UP TO 24"

◼ VESA OR MOUNTING BRACKETS

◼ SCREW TERMINAL FOR POWER SUPPLY

SPECIALS FROM 31.5" UP TO 64.5"

◼ REMOVABLE PC BOX FOR ATOM AND CORE-I CPUs

◼ VESA

POS-Line 21.5" monitor with TrueFlat glass

POS-Line 42" monitor in TrueFlat design frame

POS-Line monitor open-frame in industrial use

POS-Line monitor 54.6" at airport

POS-Line 46" monitor with TrueFlat frame

POS-Line 31.5" monitor with TrueFlat touch

POS-Line monitor with front bezel

POS-Line 46" monitor application in a lounge

POS-Line with removable PC box Core-i5

POS-Line 54.6" monitor with aluminium frame

Monitor open-frame for integration

Monitor with front bezel for desktop or wall

Monitor with front plate or TrueFlat glass for front installation

POS-Line monitor with TrueFlat glass or TrueFlat touch 31.5"

POS-Line monitor with TrueFlat glass 24"

		15"	17"	19"
Order number		**DS-91-766**	**DS-91-771**	**DS-91-781**
Size	[mm]/[inch]	381.0/ 15.0"	431.8/ 17.0"	482.6/ 19.0"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)		
Resolution	[Pixel]	1024 x 768 (XGA)	1280 x 1024 (SXGA)	
Brightness	[cd/m²]	400	350	300
Viewing angle	[°]	160 h/ 140 v	160 h/ 140 v	178 h/ 178 v
Active Area	[mm]	304.13 x 228.10	337.92 x 270.34	376.32 x 301.06
Backlight		LED		
Colours	[M]	16.7		
Contrast		700:1	800:1	2000:1
Response time (on/off)	[ms]	16	30	20
Pixel class		ISO 9241 - 307 (pixel error class II)		
Lifetime backlight	[h]	50.000		
Interfaces		1 x VGA, 1 x HDMI, 1 x DP, 1 x Audio Line-Out, 1 x USB-Remote, 1 x OSD 4 buttons		
HDCP support		yes		
VESA	[mm]	MIS-D 200 x 100 (M4)		
Ambient temperature operation	[°C]/ [°F]	-20 ~ 65/ -4 ~ 149		0 ~ 50/ 32 ~ 122
Ambient temperature storage	[°C]/ [°F]	-40 ~ 85/ -40 ~ 185	-30 ~ 85/ -22 ~ 185	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape		
Chassis		Powdered aluminium, black RAL 9005		
Power supply	[V DC]	12		
Power consumption (typ.)	[Watt]	10	16	21
Weight	[kg]/ [lb]	2.2/ 4.85	2.6/ 5.73	3.2/ 4.85
Dimensions (W x H x D)	[mm]	333.4 x 265.4 x 51.0	365.0 x 308.0 x 58.8	412.0 x 340.0 x 55.5
Conformity		CE, FCC Class A, EU-RoHS		
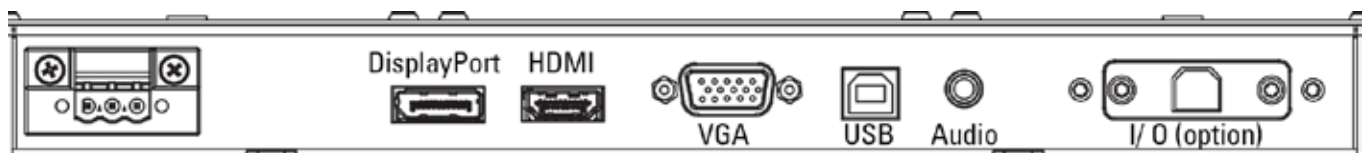
POS-Line up to 24" Wide Format – PME Series (RGB, HDMI, DP)

| 15.6" | 17.3" | 21.5" | 24" |
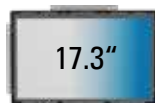
Order number		DS-91-803	DS-91-776	DS-91-685	DS-91-740
Size	[mm]/[inch]	396.2/ 15.6"	438.2/ 17.3"	546.7/ 21.5"	609.6/ 24"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	400		300	
Viewing angle	[°]	176 h/ 176 v	160 h/ 140 v	178 h/ 178 v	
Active Area	[mm]	344.16 x 193.59	381.88 x 214.81	475.6 x 268.1	531.36 x 298.89
Backlight		LED			
Colours	[M]	16.7			
Contrast		1000:1	600:1	5000:1	
Response time (on/off)	[ms]	25	40	25	
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
Interfaces		1 x VGA, 1 x HDMI, 1 x DP, 1 x Audio Line-Out, 1 x USB-Remote, 1 x OSD 4 buttons			
HDCP support		Yes			
VESA	[mm]	MIS-D 200 x 100 (M4)			
Ambient temperature operation	[°C]/ [°F]	0 ~ 55/ 32 ~ 131	0 ~ 60/ 32 ~ 140	0 ~ 50/ 32 ~ 122	-20 ~ 60/ -4 ~ 140
Ambient temperature storage	[°C]/ [°F]	-20 ~ 70/ -4 ~ 158		-20 ~ 60/ -4 ~ 140	-20 ~ 70/ -4 ~ 158
Orientation		Portrait and landscape			
Chassis		Powdered aluminium, black RAL 9005			
Power supply	[V DC]	12			
Power consumption (typ.)	[Watt]	16	15	22	18
Weight	[kg]/ [lb]	1.8/ 3.97	2.4/ 5.29	3.2/ 7.05	4.1/ 9.04
Dimensions (W x H x D)	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514.0 x 319.0 x 54.0	578.0 x 347.2 x 53.0
Conformity		CE, FCC Class A, EU-RoHS			

DisplayPort   HDMI   VGA   USB   Audio   I/ O (option)
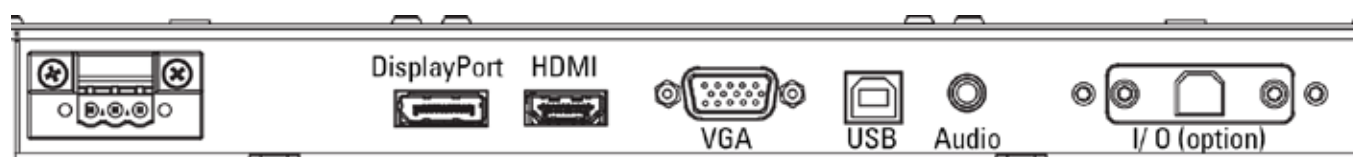
POS-Line up to 24" Classic Format – IQ Atom Series (PC Intel® Atom)

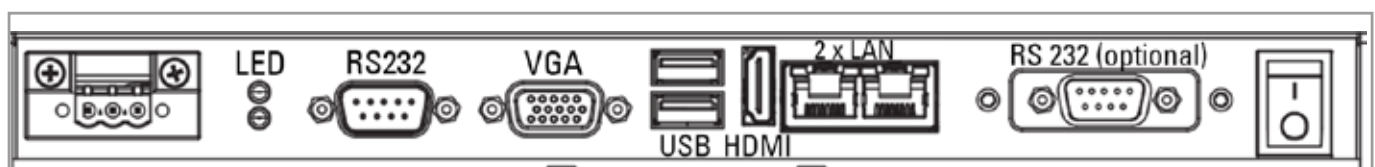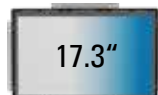| Order number		DS-91-765	DS-91-770	DS-91-780
Size	[mm]/[inch]	381.0/ 15.0"	431.8/ 17.0"	482.6/ 19.0"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)		
Resolution	[Pixel]	1024 x 768 (XGA)	1280 x 1024 (SXGA)	
Brightness	[cd/m²]	400	350	300
Viewing angle	[°]	160 h/ 140 v	160 h/ 140 v	178 h/ 178 v
Active Area	[mm]	304.13 x 228.10	337.92 x 270.34	376.32 x 301.06
Backlight		LED		
Colours	[M]	16.7		
Contrast		700:1	800:1	2000:1
Response time (on/off)	[ms]	16	30	20
Pixel class		ISO 9241 - 307 (pixel error class II)		
Lifetime backlight	[h]	50.000		
PC		CPU: Intel® Atom E3845 (1.9 GHz), RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA		
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)		
HDCP support		——		
VESA	[mm]	MIS-D 200 x 100 (M4)		
Ambient temperature operation	[°C]/ [°F]	0 ~ 45/ 32 ~ 113		
Ambient temperature storage	[°C]/ [°F]	-40 ~ 85/ -40 ~ 185	-30 ~ 85/ -22 ~ 185	-20 ~ 60/ -4 ~ 140
Orientation		Portrait und Landscape		
Chassis		Powdered aluminium, black RAL 9005		
Power supply	[V DC]	12 - 26		
Power consumption (typ.)	[Watt]	19	29	33
Weight	[kg]/ [lb]	2.2/ 4.85	2.6/ 5.73	3.3/ 4.85
Dimensions (W x H x D)	[mm]	333.4 x 265.4 x 51.0	365.0 x 308.0 x 58.8	412.0 x 340.0 x 55.5
Conformity		CE, FCC Class A, EU-RoHS		

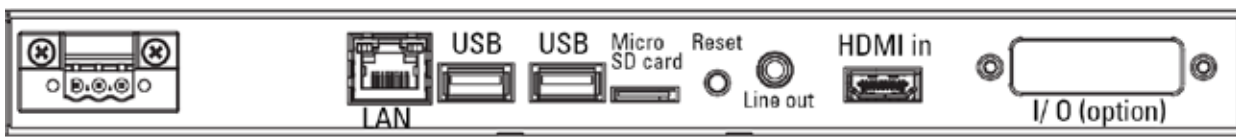# POS-Line up to 24" Wide Format – IQ Atom Series (PC Intel® Atom)

| 15.6" | 17.3" | 21.5" | 24" |

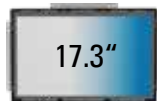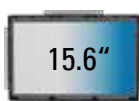| Order number		DS-91-802	DS-91-775	DS-91-785	DS-91-739
Size	[mm]/[inch]	396.2/ 15.6"	438.2/ 17.3"	546.7/ 21.5"	609.6/ 24.0"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	400		300	
Viewing angle	[°]	176 h/ 176 v	160 h/ 140 v	178 h/ 178 v	
Active Area	[mm]	344.16 x 193.59	381.88 x 214.81	475.6 x 268.1	531.36 x 298.89
Backlight		LED			
Colours	[M]	16.7			
Contrast		1000:1	600:1	5000:1	
Response time (on/off)	[ms]	25	40	25	
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
PC		CPU: Intel® Atom E3845, 1.9 GHz, 4 GB RAM DDR3L, mSATA 120 GB			
Interfaces		1 x USB 3.0, 1 x USB 2.0, 1 x HDMI, 1 x VGA, 2 x LAN 100/1000, 1 x RS232/485			
VESA	[mm]	MIS-D 200 x 100 (M4)			
Ambient temperature operation	[°C]/ [°F]	0 ~ 45/ 32 ~ 113			
Ambient temperature storage	[°C]/ [°F]	-20 ~ 70/ -4 ~ 158		-20 ~ 60/ -4 ~ 140	-20 ~ 70/ -4 ~ 158
Orientation		Portrait and landscape			
Chassis		Powdered aluminium, black RAL 9005			
Power supply	[V DC]	12 ~ 26			
Power consumption (typ.)	[Watt]	26	27	28	33
Weight	[kg]/ [lb]	1.8/ 3.97	2.4/ 5.29	3.3/ 7.27	4.1/ 9.04
Dimensions (W x H x D)	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514.0 x 319.0 x 54.0	578.0 x 347.2 x 53.0
Conformity		CE, FCC Class A, EU-RoHS			

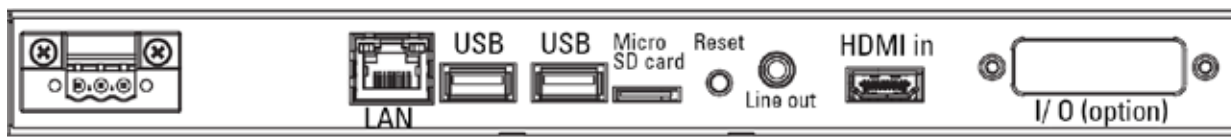# POS-Line up to 24" Classic Format – VideoPoster Series (network media player)

		15"	17"	19"

Order number		DS-91-767	DS-91-772	DS-91-782
Size	[mm]/[inch]	381.0/ 15.0"	431.8/ 17.0"	482.6/ 19.0"
Type		Open-frame monitor (Please find matching bezels and glasses at the end of this chapter)		
Resolution	[Pixel]	1024 x 768 (XGA)	1280 x 1024 (SXGA)	
Brightness	[cd/m²]	400	350	300
Viewing angle	[°]	160 h/ 140 v	160 h/ 140 v	178 h/ 178 v
Active Area	[mm]	304.13 x 228.10	337.92 x 270.34	376.32 x 301.06
Backlight		LED		
Colours	[M]	16.7		
Contrast		700:1	800:1	2000:1
Response time (on/off)	[ms]	16	30	20
Pixel class		ISO 9241 - 307 (pixel error class II)		
Lifetime backlight	[h]	50.000		
Media Player		Media Player for MPEG-4 (H.264), FVL, AVI / 1920 x 1024, jpeg, tiff, png, pdf and bmp. Network 10/100, audio line out, 2x USB-In and HDMI video input XML play list, content update via Content Server (HTTP protocol), FTP server or USB, Memory: internal memory (2GB), microSD card (up to 256GB) ACC3 software to create play lists		
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot		
HDCP support		—		
VESA	[mm]	MIS-D 200 x 100 (M4)		
Ambient temperature operation	[°C]/ [°F]	-25 ~ 50/ -13 ~ 122		0 ~ 45/ 32 ~ 113
Ambient temperature storage	[°C]/ [°F]	-40 ~ 85/ -40 ~ 185	-30 ~ 85/ -22 ~ 185	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape		
Chassis		Powdered aluminium, black RAL 9005		
Power supply	[V DC]	12		
Power consumption (typ.)	[Watt]	11	19	24
Weight	[kg]/ [lb]	2.3/ 5.07	2.7/ 5.95	3.3/ 5.07
Dimensions (W x H x D)	[mm]	333.4 x 265.4 x 51.0	365.0 x 308.0 x 58.8	412.0 x 340.0 x 55.5
Conformity		CE, FCC Class A, EU-RoHS		

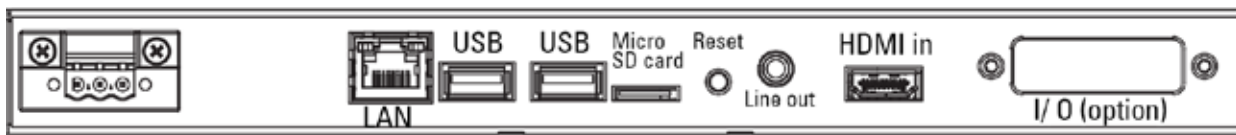# POS-Line up to 24" Wide Format – VideoPoster Series (network media player)

	15.6"	17.3"	21.5"	24"

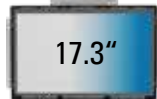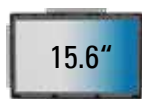| Order number		DS-91-804	DS-91-777	DS-91-787	DS-91-741
Size	[mm]/[inch]	396.2/ 15.6"	438.2/ 17.3"	546.7/ 21.5"	609.6/ 24.0"
Type		Open-frame monitor (Please find matching bezels and glasses at the end of this chapter)			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	400		300	
Viewing angle	[°]	176 h/ 176 v	160 h/ 140 v	178 h/ 178 v	
Active Area	[mm]	344.16 x 193.59	381.88 x 214.81	475.6 x 268.1	531.36 x 298.89
Backlight		LED			
Colours	[M]	16.7			
Contrast		1000:1	600:1	5000:1	
Response time (on/off)	[ms]	25	40	25	
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
Media Player		Media Player for MPEG-4 (H.264), FVL, AVI / 1920 x 1024, jpeg, tiff, png, pdf and bmp. Network 10/100, audio line out, 2x USB-In and HDMI video input XML play list, content update via Content Server (HTTP protocol), FTP server or USB, Memory: internal memory (2GB), microSD card (up to 256GB) ACC3 software to create play lists			
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot			
HDCP support		—			
VESA	[mm]	MIS-D 200 x 100 (M4)			
Ambient temperature operation	[°C]/ [°F]	0 ~ 50/ 32 ~ 122		0 ~ 45/ 32 ~ 113	-20 ~ 50/ -4 ~ 122
Ambient temperature storage	[°C]/ [°F]	-20 ~ 70/ -4 ~ 158		-20 ~ 60/ -4 ~ 140	-20 ~ 70/ -4 ~ 158
Orientation		Portrait and landscape			
Chassis		Powdered aluminium, black RAL 9005			
Power supply	[V DC]	12			
Power consumption (typ.)	[Watt]	17	17	23	23
Weight	[kg]/ [lb]	1.8/ 3.97	2.5/ 5.51	3.4/ 7.49	4.3/ 9.48
Dimensions (W x H x D)	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514.0 x 319.0 x 54.0	578.0 x 347.2 x 53.0
Conformity		CE, FCC Class A, EU-RoHS			

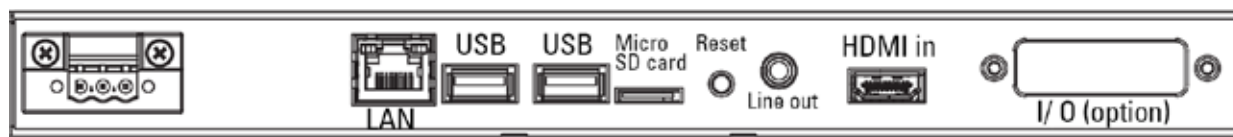# POS-Line up to 24" Classic Format – Raspberry® IoT

		15"	17"	19"

| Order number		DS-91-816	DS-91-818	DS-91-820
Size	[mm]/[inch]	381.0/ 15.0"	431.8/ 17.0"	482.6/ 19.0"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)		
Resolution	[Pixel]	1024 x 768 (XGA)	1280 x 1024 (SXGA)	
Brightness	[cd/m²]	400	350	300
Viewing angle	[°]	160 h/ 140 v	160 h/ 140 v	178 h/ 178 v
Active Area	[mm]	304.13 x 228.10	337.92 x 270.34	376.32 x 301.06
Backlight		LED		
Colours	[M]	16.7		
Contrast		700:1	800:1	2000:1
Response time (on/off)	[ms]	16	30	20
Pixel class		ISO 9241 - 307 (pixel error class II)		
Lifetime backlight	[h]	50.000		
Raspberry®		Raspberry® PI CM3 Industrial ARM-PC with Raspbian OS Network 10/100, audio line out, micro SD slot, 2x USB2.0 and HDMI input Memory: internal memory (4GB), microSD card (up to 256GB)		
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot		
HDCP support		—		
VESA	[mm]	MIS-D 200 x 100 (M4)		
Ambient temperature operation	[°C]/ [°F]	-25 ~ 50/ -13 ~ 122		0 ~ 45/ 32 ~ 113
Ambient temperature storage	[°C]/ [°F]	-40 ~ 85/ -40 ~ 185	-30 ~ 85/ -22 ~ 185	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape		
Chassis		Powdered aluminium, black RAL 9005		
Power supply	[V DC]	12		
Power consumption (typ.)	[Watt]	11	19	24
Weight	[kg]/ [lb]	2.3/ 5.07	2.7/ 5.95	3.3/ 5.07
Dimensions (W x H x D)	[mm]	333.4 x 265.4 x 51.0	365.0 x 308.0 x 58.8	412.0 x 340.0 x 55.5
Conformity		CE, FCC Class A, EU-RoHS		

15.6"	17.3"	21.5"	24"

Order number		DS-91-817	DS-91-819	DS-91-821	DS-91-822
Size	[mm]/[inch]	396.2/ 15.6"	438.2/ 17.3"	546.7/ 21.5"	609.6/ 24.0"
Type		Open-frame monitor (Please find matching bezels, glasses and touches at the end of this chapter)			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	400		300	300
Viewing angle	[°]	176 h/ 176 v	160 h/ 140 v	178 h/ 178 v	
Active Area	[mm]	344.16 x 193.59	381.88 x 214.81	475.6 x 268.1	531.36 x 298.89
Backlight		LED			
Colours	[M]	16.7			
Contrast		1000:1	600:1	5000:1	
Response time (on/off)	[ms]	25	40	25	
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
Raspberry®		Raspberry® PI CM3 Industrial ARM-PC with Raspbian OS Network 10/100, audio line out, micro SD slot, 2x USB2.0 and HDMI input Memory: internal memory (4GB), microSD card (up to 256GB)			
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot			
VESA	[mm]		MIS-D 200 x 100 (M4)		
Ambient temperature operation	[°C]/ [°F]	0 ~ 50/ 32 ~ 122		0 ~ 45/ 32 ~ 113	-20 ~ 50/ -4 ~ 122
Ambient temperature storage	[°C]/ [°F]	-20 ~ 70/ -4 ~ 158		-20 ~ 60/ -4 ~ 140	-20 ~ 70/ -4 ~ 158
Orientation		Portrait and landscape			
Chassis		Powdered aluminium, black RAL 9005			
Power supply	[V DC]	12			
Power consumption (typ.)	[Watt]	17	17	23	23
Weight	[kg]/ [lb]	1.8/ 3.97	2.5/ 5.51	3.4/ 7.49	4.3/ 9.48
Dimensions (W x H x D)	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514.0 x 319.0 x 54.0	578.0 x 347.2 x 53.0
Conformity		CE, FCC Class A, EU-RoHS			

Options up to 24" Classic Format
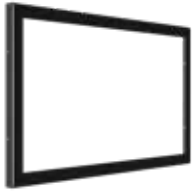
Front bezel

Order number		DS-91-323	DS-91-758	DS-91-325
Size		15.0"	17.0"	19.0"
Can be combined with		Touch und safety glass		
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish		
IP protection	front/ back	IP 64 (in combination with glass/ touch) in other cases IP 20/ IP20		
Weight	[kg]/ [lb]	0.50/ 1.10		
Dimensions with front bezel	[mm]	336.4 x 268.4 x 52.5	368.0 x 306.0 x 60.3	415.0 x 343.0 x 57.0

Front plate for front side mounting

Order number		DS-91-748	DS-91-749	DS-91-751
Size		15.0"	17.0"	19.0"
Can be combined with		Touch und safety glass		
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish		
IP protection	front/ back	IP 64 (in combination with glass/ touch) in other cases IP 20/ IP20		
Weight	[kg]/ [lb]	0.50/ 1.10		0.60/ 1.32
Dimensions with front plate	[mm]	373.4 x 301.4 x 55.7	405.0 x 343.0 x 63.7	454.0 x 382.0 x 60.4

True-flat glass

Order number		DS-91-753	DS-91-754	DS-91-756
Size		15.0"	17.0"	19.0"
Can be combined with		–		
Glass		Safety glass, 3 mm, printed passepartout RAL 9005 (black), non-reflecting		
IP protection	front/ back	IP 65/ IP20		
Weight	[kg]/ [lb]	1.00/ 2.20	1.20/ 2.65	1.50/ 3.30
Dimensions with true-flat glass	[mm]	373.4 x 301.4 x 57.0	405.0 x 343.0 x 64.8	454.0 x 382.0 x 61.5

Safety glass

Order number		DS-90-194	DS-90-195	DS-90-196
Size		15.0"	17.0"	19.0"
Can be combined with		Front bezel, front plate		
Glass		Safety glass, 3 mm, non-reflecting		
IP protection	front/ back	IP 64 (in combination with front bezel/ front plate)/ IP20		
Weight	[kg]/ [lb]	0.60/ 1.32	0.80/ 1.76	
Dimensions with safety glass	[mm]	333.4 x 265.4 x 51.0	365 x 308 x 58.8	412.0 x 340.0 x 55.5

Resistive touch

Order number		DS-91-345	DS-91-346	DS-91-795
Size		15.0"	17.0"	19.0"
Can be combined with		Front bezel, front plate		
Can be used for		Video PME, IQ Atom, IoT		
Touch technology/ touch points		5-wire resistive/ 1		
IP protection	front/ back	IP 64 (in combination with front bezel/ front plate)/ IP20		
Weight	[kg]/ [lb]	0.50/ 1.10		0.60/ 1.32
Dimensions with safety touch	[mm]	333.4 x 265.4 x 51.0	365 x 308 x 58.8	412.0 x 340.0 x 55.5

Options up to 24" Wide Format

Front bezel

Order number		DS-91-809	DS-91-793	DS-91-689	DS-91-747
Size		15.6"	17.3"	21.5"	24.0"
Can be combined with		Touch und safety glass			
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			
IP protection	front/ rear	IP64 (in combination with glass or touch) otherw. IP20/ IP 20			
Weight	[kg]/ [lb]	0.4/ 0.88	0.5/ 1.10	0.70/ 1.54	0.72/ 1.59
Dimensions with option	[mm]	385.0 x 241.0 x 49.5	419.6 x 262.2 x 54.0	517.0 x 322.0 x 55.5	581.0 x 350.2 x 55.0

Front plate for front side mounting

Order number		DS-91-805	DS-91-750	DS-91-752	DS-91-746
Size		15.6"	17.3"	21.5"	24.0"
Can be combined with		Touch und safety glass			
Bezel		Powdered aluminium, RAL 9005 (black)			
IP protection	front/ rear	IP64 (in combination with glass or touch) otherw. IP20/ IP 20			
Weight	[kg]/ [lb]	0.5/ 1.10	0.5/ 1.10	0.70/ 1.54	0.72/ 1.59
Dimensions with option	[mm]	420.0 x 276.0 x 52.7	456.6 x 299.2 x 57.2	538.0 x 343.0 x 58.5	608.0 x 377.2 x 57.7

TrueFlat glass

Order number		DS-91-806	DS-91-755	DS-91-757	DS-91-743
Size		15.6"	17.3"	21.5"	24.0"
Can be combined with		—			
Glass		Safety glass, 3 mm, printed passepartout RAL 9005 (black), non-reflecting			
IP protection	front/ rear	IP 65/ IP 20			
Weight	[kg]/ [lb]	1.10/ 2.43	1.30/ 2.87	1.80/ 3.97	1.80/ 3.97
Dimensions with option	[mm]	420.0 x 276.0 x 54.0	456.6 x 299.2 x 58.5	538.0 x 343.0 x 60.0	608.0 x 377.2 x 59.0

Safety glass

Order number		DS-91-810	DS-91-596	DS-91-796	DS-91-742
Size		15.6"	17.3"	21.5"	24.0"
Can be combined with		Front bezel, front plate			
Glass		Safety glass, 2 mm, non-reflecting	Safety glass, 3 mm, non-reflecting		
IP protection	front/ rear	IP64 (in combination with front bezel or plate)/ IP 20			
Weight	[kg]/ [lb]	0.4/ 0.88	0.8/ 1.76	1.20/ 2.65	1.33/ 2.93
Dimensions with option	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514 x 319 x 54	578 x 347.2 x 53.0

PCAP-Touch (integrated in chassis)

Order number		DS-91-808	DS-91-760	DS-91-761	DS-91-744
Size		15.6"	17.3"	21.5"	24.0"
Can be combined with		Front bezel, front plate			
Can be used for		Video PME, IQ Atom, IoT			
Touch technology Touch points		PCAP, safety glass 3 mm, non-reflecting 10	PCAP, safety glass 3 mm, non-reflecting 10		
IP protection	front/ rear	IP64 (in combination with front bezel or plate)/ IP 20			
Weight	[kg]/ [lb]	0.5/ 1.10	0.8/ 1.76	1.20/ 2.65	1.4/ 3.09
Dimensions with option	[mm]	382.0 x 238.0 x 48.0	416.6 x 259.2 x 52.5	514 x 319 x 54.0	578 x 347.2 x 53.0

PCAP-Touch with TrueFlat glass

Order number		DS-91-807	DS-91-759	DS-91-762	DS-91-745
Size		15.6″	17.3″	21.5″	24.0″
Can be combined with		—			
Can be used for		Video PME, IQ Atom, IoT			
Touch technology Touch points		PCAP, safety glass 2 mm, non-reflecting 10	PCAP, safety glass 3 mm, non-reflecting 10		
IP protection	front/ rear	IP 65/ IP 20			
Weight	[kg]/ [lb]	1.10/ 2.43	1.30/ 2.87	1.80/ 3.97	1.91/ 4.21
Dimensions with option	[mm]	420.0 x 276.0 x 54.0	456.6 x 299.2 x 58.5	538.0 x 343.0 x 60.0	608.0 x 377.2 x 59.0

Application software

Product	Order No.	Product description
WEBPOStER	DS-60-787	WEBPOStERs are monitors that continuously display the content of a website. These monitors are based on an embedded LINUX system and are network devices. WEBPOStERs are configured via network with an internet browser. After configuration the monitor connects to a given website and begins a continuous display of its content. System administration or regular software updates are not required. WEBPOStER software is available for monitors of the IQ Atom series from 15″ up to 64.5″ The software is pre-installed and can be configured within minutes.

Accessories up to 24"

Cables

Product	Order No.	Product description
DVI	DS-50-424	DVI cable, 2 m
HDMI	PC-05-009	HDMI cable, 1.5 m
DP	DS-50-571	Display Port cable, 2 m
RGB	KA-40-053	RGB cable, 1.8 m

PCs and Electronic

Product	Order No.	Product description
Memory extension RAM	DS-91-975	RAM extension up to 8 GB
Memory extension SSD	DS-91-997	SSD MSATA extension up to 240 GB
Power supply	NT-01-062	Desktop power supply for all monitors without PC up to 24", 12V DC/ 60 W

Mounts and Covers

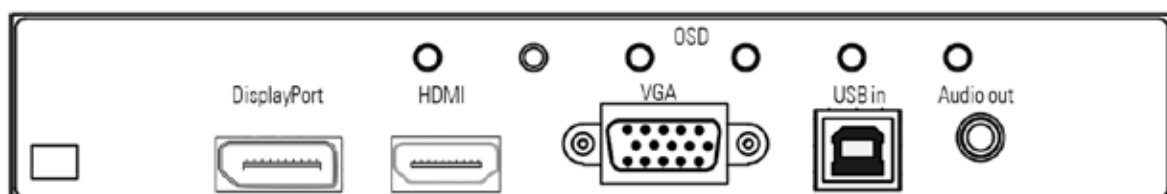| Product	Order No.	Product description
Brackets for POS-Line up to 24"	DS-91-356	Additional brackets (2 pieces) for POS-Line open-frame versions from 15" to 24"

Operating systems

Product	Order No.	Product description
Windows 7 FES 64 bit German	DS-60-725	Operating system
Windows 7 FES 64 bit English	DS-60-781	Operating system
Windows 10 Pro. 64 bit German	DS-60-811	Operating system
Windows 10 Pro. 64 bit English	DS-60-810	Operating system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operating system
IoT Raspbian	DS-60-859	Operating system for Raspberry® IoT

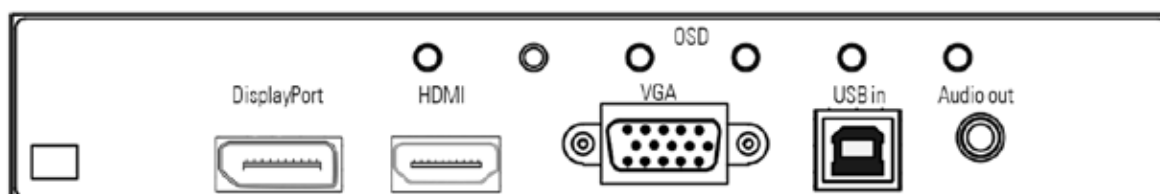|		31.5"	42.0"
Order number		**DS-91-411**	**DS-91-478**
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	1073.7
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Interfaces		1 x VGA, 1 x HDMI, 1 x DP, 1 x Remote OSD, 1 x OSD 4 button, touch (option), 1 x audio out	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	44	97
Weight	[kg]/ [lb]	12.5/ 27.56	20.0/ 44.09
Dimensions (W x H x D) Dimensions with VESA adapter	[mm/ inch]	759 x 454 x 79 759 x 454 x 109	991 x 583 x 79 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	

| 46.0" | 54.6" |

Order number		DS-91-485	DS-91-486
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	1073.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Interfaces		1 x VGA, 1 x HDMI, 1 x DP, 1 x Remote OSD, 1 x OSD 4 button, touch (option), 1 x audio out	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	87	97
Weight	[kg]/ [lb]	24.5/ 54.01	34.5/ 76.06
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 80 1078 x 633 x 110	1270 x 741 x 80 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

POS-Line 31.5" - 64.5" – PME Series (RGB, HDMI, DP)

64.5"

Order number		DS-91-954
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	1073.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
Interfaces		1 x VGA, 1 x HDMI, 1 x DP, 1 x Remote OSD, 1 x OSD 4 button, touch (option), 1 x audio out
HDCP support		yes
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	190
Weight	[kg]/ [lb]	44.0/ 97.0
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS

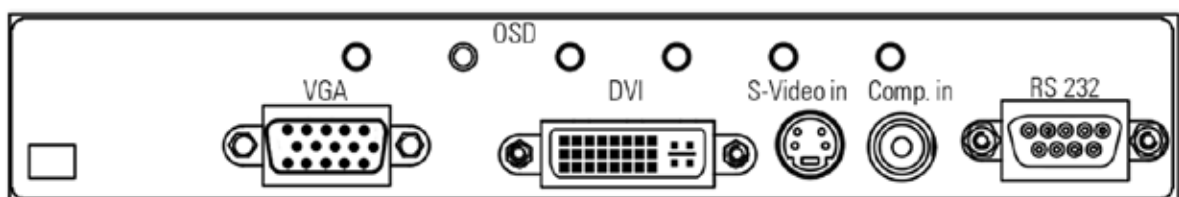|		31.5"	42.0"
Order number		**DS-91-412**	**DS-91-479**
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	1073.7
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Interfaces		1 x RGB, 1 x DVI (HDMI via DVI), 1 x S-Video, 1 x Composite Video, 1 x touch (option, RS232),1 x OSD 4 buttons	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	45	97
Weight	[kg]/ [lb]	12.5/ 27.56	20.0/ 44.09
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	759 x 454 x 79 759 x 454 x 109	991 x 583 x 79 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	

46.0"	54.6"

| Order number		DS-91-487	DS-91-488
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	1073.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Interfaces		1 x RGB, 1 x DVI (HDMI via DVI), 1 x S-Video, 1 x Composite Video, 1 x touch (option, RS232),1 x OSD 4 buttons	
HDCP support		Yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	67	106
Weight	[kg]/ [lb]	24.5/ 54.01	34.5/ 76.06
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 80 1078 x 633 x 110	1270 x 741 x 80 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

64.5"

Order number		DS-91-955
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	1073.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
Interfaces		1 x RGB, 1 x DVI (HDMI via DVI), 1 x S-Video, 1 x Composite Video, 1 x touch (option, RS232),1 x OSD 4 buttons
HDCP support		yes
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	190
Weight	[kg]/ [lb]	44.0/ 97.0
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS

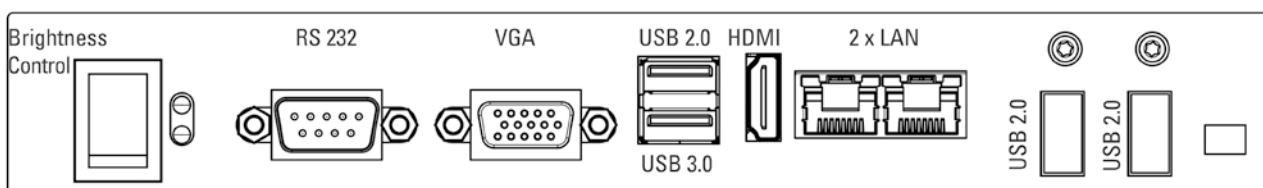|		31.5"	42.0"
Order number		**DS-91-931**	**DS-91-932**
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	8
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
PC		CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA	
Interfaces		2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232	
HDCP support		—	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	55	101
Weight	[kg]/ [lb]	14.5/ 31.97	22.3/ 49.16
Dimensions (W x H x D) Dimensions with VESA adapter	[mm/ inch]	759 x 454 x 79 759 x 454 x 109	991 x 583 x 79 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	
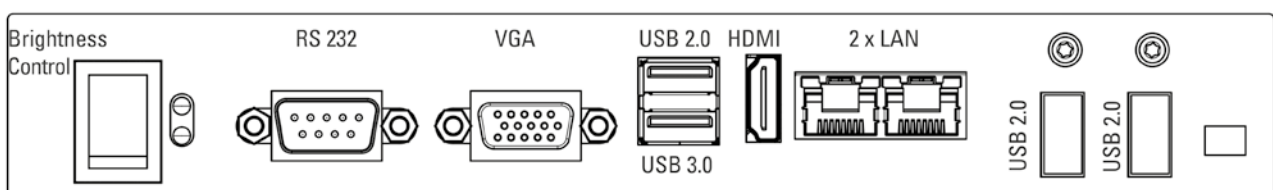
POS-Line 31.5" - 64.5" – IQ Atom Series (PC Intel® Atom)

		46.0"	54.6"
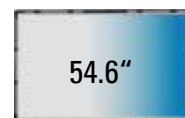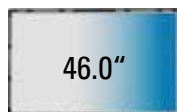
Order number		DS-91-933	DS-91-934
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	16.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
PC		CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA	
Interfaces		2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232	
HDCP support		—	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	72	99
Weight	[kg]/ [lb]	27.3/ 60.18	35.5/ 78.26
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 80 1078 x 633 x 110	1270 x 741 x 80 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

64.5"

Order number		DS-91-959
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	16.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
PC		CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA
Interfaces		2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232
HDCP support		—
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	200
Weight	[kg]/ [lb]	45.0/ 99.21
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS
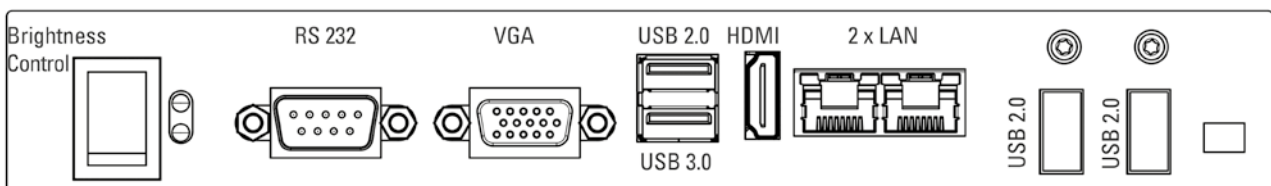
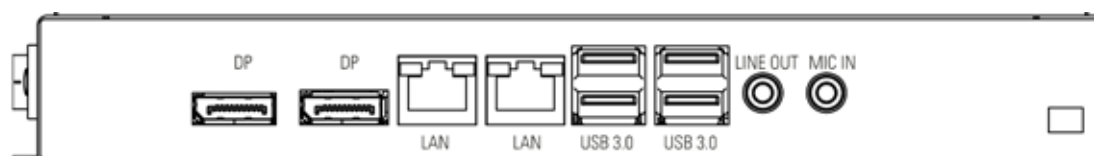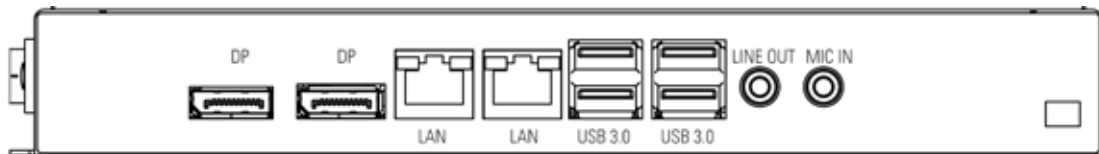# POS-Line 31.5" - 64.5" – IQ Core™-i5 Series (PC Intel® Core™-i)

		31.5"	42.0"
Order number		**DS-92-022**	**DS-92-023**
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
PC (removable)		CPU: Intel® Core™-i5-7300 U (2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata	
Interfaces		2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in	
HDCP support		—	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	90	120
Weight	[kg]/ [lb]	16.5/ 36.38	22.5/ 49.60
Dimensions (W x H x D) Dimensions with VESA adapter	[mm/ inch]	759 x 454 x 101 759 x 454 x 109	991 x 583 x 101 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	

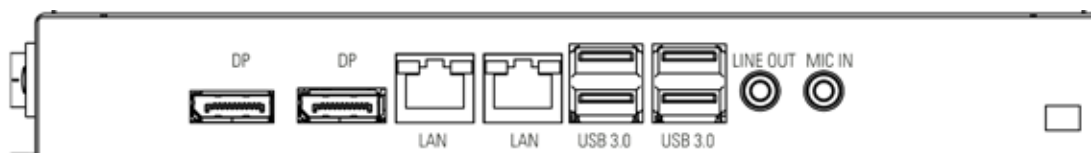## POS-Line 31.5" - 64.5" – IQ Core™-i5 Series (PC Intel® Core™-i)

| 46.0" | 54.6" |
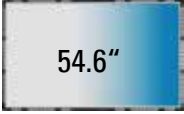
Order number		DS-92-024	DS-92-025
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels, glasses and touches at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	16.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
PC (removable)		CPU: Intel® Core™-i5-7300 U (2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata	
Interfaces		2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in	
HDCP support		—	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	110	130
Weight	[kg]/ [lb]	29.0/ 63.93	37.0/ 81.57
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 102 1078 x 633 x 110	1270 x 741 x 102 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

64.5"
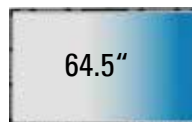
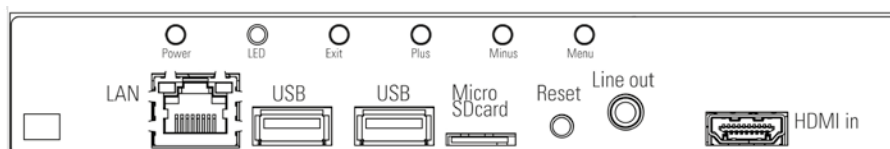| Order number		DS-92-026
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	16.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
PC (removable)		CPU: Intel® Core™-i5-7300 U (2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Interfaces		2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
HDCP support		—
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	210
Weight	[kg]/ [lb]	46.0/ 101.41
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS

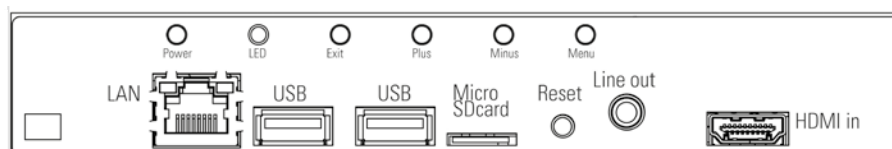# POS-Line 31.5" - 64.5"– VideoPoster Series (network media player)

		31.5"	42.0"
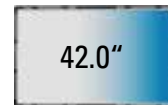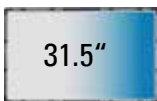
Order number		DS-91-414	DS-91-481
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	1073.7
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Media player		Media Player for MPEG-4 (H.264), FVL, AVI / 1920 x 1024, jpeg, tiff, png, pdf and bmp. Network 10/100, audio line out, 2x USB-In and HDMI video input XML play list, content update via Content Server (HTTP protocol), FTP server or USB, Memory: internal memory (2GB), microSD card (up to 256GB) ACC3 software to create play lists	
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	43	86
Weight	[kg]/ [lb]	12.6/ 27.78	20.0/ 44.09
Dimensions (W x H x D) Dimensions with VESA adapter	[mm/ inch]	759 x 454 x 79 759 x 454 x 109	991 x 583 x 79 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	

POS-Line 31.5" - 64.5" – VideoPoster Series (network media player)

46.0"	54.6"

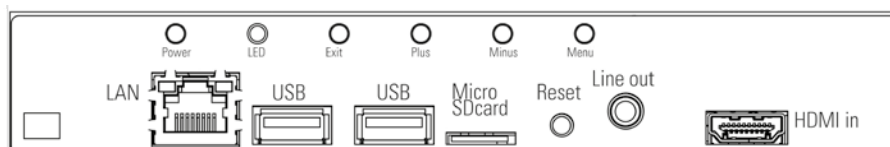| Order number		DS-91-491	DS-91-492
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	1073.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Media player		Media Player for MPEG-4 (H.264), FVL, AVI / 1920 x 1024, jpeg, tiff, png, pdf and bmp. Network 10/100, audio line out, 2x USB-In and HDMI video input XML play list, content update via Content Server (HTTP protocol), FTP server or USB, Memory: internal memory (2GB), microSD card (up to 256GB) ACC3 software to create play lists	
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	61	97
Weight	[kg]/ [lb]	24.5/ 54.01	34.5/ 76.06
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 80 1078 x 633 x 110	1270 x 741 x 80 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

POS-Line 31.5" - 64.5"– VideoPoster Series (network media player)

64.5"

Order number		DS-91-956
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	1073.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
Media player		Media Player for MPEG-4 (H.264), FVL, AVI / 1920 x 1024, jpeg, tiff, png, pdf and bmp. Network 10/100, audio line out, 2x USB-In and HDMI video input XML play list, content update via Content Server (HTTP protocol), FTP server or USB, Memory: internal memory (2GB), microSD card (up to 256GB) ACC3 software to create play lists
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot
HDCP support		yes
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	181
Weight	[kg]/ [lb]	44.0/ 97.0
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS

31.5"	42.0"

Order number		DS-91-981	DS-91-982
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	500	700
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26
Backlight		LED	
Colours	[M]	16.7	1073.7
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	8	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Raspberry®		Raspberry® PI CM3 Industrial ARM-PC with Raspbian OS Network 10/100, audio line out, micro SD slot, 2x USB 2.0 and HDMI input Memory: internal memory (4GB), microSD card (up to 256GB)	
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	43	86
Weight	[kg]/ [lb]	12.6/ 27.78	20.0/ 44.09
Dimensions (W x H x D) Dimensions with VESA adapter	[mm/ inch]	759 x 454 x 79 759 x 454 x 109	991 x 583 x 79 991 x 583 x 109
Conformity		CE, FCC Class A, EU-RoHS	

		46.0"	54.6"

Order number		DS-91-983	DS-91-984
Size	[mm]/[inch]	1168.4/ 46.0"	1386.8/ 54.6"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	700	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED	
Colours	[M]	1073.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	50.000	
Raspberry®		Raspberry® PI CM3 Industrial ARM-PC with Raspbian OS Network 10/100, audio line out, micro SD slot, 2x USB 2.0 and HDMI input Memory: internal memory (4GB), microSD card (up to 256GB)	
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	61	97
Weight	[kg]/ [lb]	24.5/ 54.01	34.5/ 76.06
Dimensions (W x H x D) Dimensions with VESA adapter	[mm]	1078 x 633 x 80 1078 x 633 x 110	1270 x 741 x 80 1270 x 741 x 110
Conformity		CE, FCC Class A, EU-RoHS	

POS-Line 31.5" - 64.5"– IoT Series

64.5"
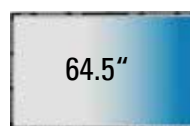
Order number		DS-91-985
Size	[mm]/[inch]	1639.1/ 64.5"
Type		Open-frame display (Please find matching bezels and glasses at the end of this chapter)
Resolution	[Pixel]	1920 x 1080 (FHD)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1428.48 x 803.52
Backlight		LED
Colours	[M]	1073.7
Contrast		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
Raspberry®		Raspberry® PI CM3 Industrial ARM-PC with Raspbian OS Network 10/100, audio line out, micro SD slot, 2x USB 2.0 and HDMI input Memory: internal memory (4GB), microSD card (up to 256GB)
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot
HDCP support		yes
VESA	[mm]	MIS-F 800 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Power supply	[V]	AC 100 - 240V/ 50-60 Hz
Power consumption (typ.)	[Watt]	181
Weight	[kg]/ [lb]	44.0/ 97.0
Dimensions (W x H x D)	[mm]	1480 x 855 x 122
Conformity		CE, FCC Class A, EU-RoHS

Options POS-Line 31.5" - 64.5"

Bezel powder coated
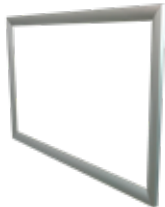
Bezel aluminium

Front bezel		Powder coated			Aluminium	
Order number		**DS-91-470**	**DS-91-494**		**DS-91-612**	**DS-91-613**
Size		31.5"	42.0"		31.5"	42.0"
Can be combined with		safety glass			safety glass	
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			Aluminium, brushed, RAL9006	
Weight	[kg]/ [lb]	1.40/ 3.09	1.50/ 3.30		3.50/ 7.72	4.10/ 9.04
Dimensions with bezel	[mm]	762 x 456 x 110	994 x 587 x 111		785 x 480 x 120	1019 x 612 x 122

Order number		**DS-91-496**	**DS-91-498**		**DS-91-614**	**DS-91-615**
Size		46.0"	54.6"		46.0"	54.6"
Can be combined with		safety glass			safety glass	
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			Aluminium, brushed, RAL9006	
Weight	[kg]/ [lb]	1.60/ 3.53	1.90/ 4.19		4.3/ 9.26	4.90/ 10.80
Dimensions with bezel	[mm]	1081 x 636 x 111	1273 x 744 x 111		1106 x 660 x 122	1296 x 767 x 121

Order number		**DS-91-951**
Size		64.5"
Can be combined with		Safety glass
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish
Weight	[kg]/ [lb]	2.0/ 4.41
Dimensions with bezel	[mm]	1484 x 859 x 123

TrueFlat with bezel

TrueFlat Bezel		with safety glass			with PCAP touch	
Order number		**DS-91-421**	**DS-91-561**		**DS-91-424**	**DS-91-917**
Size		31.5"	42.0"		31.5"	42.0"
Can be combined with		–				
Bezel/ Glass/ Touch		Sheet steel, RAL 9006 (aluminium white), safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black)			Sheet steel, RAL 9006 (aluminium white), safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points	
Weight	[kg]/ [lb]	9.5/ 20.94	12.0/ 26.45		9.5/ 20.94	12.0/ 26.45
Dimensions with glass/touch	[mm]	789 x 484 x 115.5	1021 x 614 x 116		789 x 484 x 115.5	1021 x 614 x 116

Order number		**DS-91-703**	**DS-91-562**		**DS-91-924**	**DS-91-926**
Size		46.0"	54.6"		46.0"	54.6"
Can be combined with		—				
Bezel/ Glass/ Touch		Sheet steel, RAL 9006 (aluminium white), safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black)	Sheet steel, RAL 9006 (aluminium white), safety glass, 5mm, non-reflecting, printed passepartout RAL 9005 (black)		Sheet steel, RAL 9006 (alu. white), safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points	Sheet steel, RAL 9006 (alu. white), safety glass, 5mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points
Weight	[kg]/ [lb]	13.4/ 29.54	21.0/ 46.30		13.4/ 29.54	21.5/ 47.40
Dimensions with glass/touch	[mm]	1109 x 663 x 116	1300 x 771 x 116		1109 x 663 x 116	1300 x 771 x 116

Glass | | | Safety glass | | | TrueFlat glass

Order number		DS-91-420	DS-91-502		DS-91-476	DS-91-499
Size		31.5"	42.0"		31.5"	42.0"
Can be combined with		Front bezel			–	
Glass		Safety glass, 4 mm, non-reflecting			Safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black)	
Weight	[kg]/ [lb]	3.5/ 7.72	5.3/ 11.68		4.0/ 8.82	7.5/ 16.53
Dimensions with glass/touch	[mm]	759 x 454 x 114.5	991 x 583 x 114		781x 493 x 114.5	1013 x 606 x 115

Order number		DS-90-633	DS-91-671		DS-91-500	DS-91-501
Size		46.0"	54.6"		46.0"	54.6"
Can be combined with		Front bezel			–	
Glass		Safety glass, 4 mm, non-reflecting			Safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black)	Safety glass, 5mm, non-reflecting, printed passepartout RAL 9005 (black)
Weight	[kg]/ [lb]	6.2/ 13.67	8.8/ 19.40		7.0/ 15.43	12.5/ 27.56
Dimensions with glass	[mm]	1078 x 633 x 115	1270 x 741 x 114		1101 x 656 x 115	1292 x 763 x 115

Order number		DS-91-950	DS-91-952
Size		64.5"	
Can be combined with		Front bezel	—
Glass		Safety glass, 5 mm, non-reflecting	Safety glass, 5mm, non-reflecting, printed passepartout RAL 9005 (black)
Weight	[kg]/ [lb]	15.0/ 33.07	18.0/ 39.68
Dimensions with glass	[mm]	1480 x 855 x 132	1540 x 917 x 130

TrueFlat Glas with PCAP touch

Order number		DS-91-916	DS-91-918
Size		31.5"	42.0"
Can be combined with		—	
Touch		Safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points	
Weight	[kg]/ [lb]	4.5/ 9.92	7.5/ 16.53
Dimensions with glass+touch	[mm]	781 x 476 x 114.5	1013 x 606 x 115

Order number		DS-91-925	DS-91-927
Size		46.0"	54.6"
Can be combined with		—	
Touch		Safety glass, 4 mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points	Safety glass, 5 mm, non-reflecting, printed passepartout RAL 9005 (black), PCAP touch with 10 touch points
Weight	[kg]/ [lb]	7.0/ 15.43	13.0/ 28.66
Dimension with glass+touch	[mm]	1101 x 656 x 115	1292 x 763 x 115

Cables

Product	Order No.	Product description
DVI	DS-50-424	DVI cable, 2 m
HDMI	PC-05-009	HDMI cable, 1.5 m
DP	DS-50-571	Display Port cable, 2 m
DP 4K	KA-40-105	Cable Display Port 1.2 4k male/male 2m
RGB	KA-40-053	RGB cable, 1.8 m

PCs and Electronic

Product	Order No.	Product description
PC box Atom	DS-91-930	Removable PC box with Intel® Atom CPU, 120 GB Msata®, 4 GB RAM Extension for all displays of the Video PME and Video PIII Series from 31.5" to 64.5"
Memory extension RAM Atom	DS-91-975	RAM extension up to 8 GB for IQ Atom
Memory extension SSD Atom	DS-91-997	SSD MSATA extension up to 240 GB for IQ Atom
PC box i5	DS-92-033	Removable PC box withIntel® Core™-i5 7300-U CPU, 120 GB M.2Sata, 8 GB RAM Extension for all displays of the Video PME and Video PIII Series from 31.5" to 64.5"
Memory extension RAM Core-i	DS-92-028	RAM extension up to 16 GB for IQ Core-i
Memory extension SSD Core-i	DS-92-027	SSD M.2 extension up to 240 GB for IQ Core-i
Power supply	DS-91-945	Desktop power supply. Necessary to operate PC boxes from 31.5" to 64.5" without monitor, 12V/ 60 W
Remote control	DS-91-621	OSD remote control for all displays of the Video PME and Video PIII Series from 31.5" to 54.6"
Remote control	DS-91-964	OSD remote control for all displays of the Video PME and Video PIII Series 64.5"
Loudspeaker	DS-91-622	Active speaker set for all displays IQ Atom/ IQ Core-i and VideoPoster from 42.0" to 64.5". Installation underneath the display.
Ambient light sensor	DS-91-963	ALS for all monitors from Video PME, Video PIII and VideoPoster from 31.5" - 64.5", can be combined with bezel and glass

Accessories POS-Line 31.5" - 64.5"

Operating systems

Product	Order No.	Product description
Windows 7 FES 64 bit German	DS-60-725	Operating system
Windows 7 FES 64 bit English	DS-60-781	Operating system
Windows 10 Pro. 64 bit German	DS-60-811	Operating system
Windows 10 Pro. 64 bit English	DS-60-810	Operating system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operating system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	Operating system
IoT Raspbian	DS-60-859	Operating system for Raspberry® IoT

Application software

Product	Order No.	Product description
WEBPOStER	DS-60-787	WEBPOStERs are monitors that continuously display the content of a website. These monitors are based on an embedded LINUX system and are network devices. WEBPOStERs are configured via network with an internet browser. After configuration the monitor connects to a given website and begins a continuous display of its content. System administration or regular software updates are not required. WEBPOStER software is available for monitors of the IQ Atom series from 15" up to 64.5" The software is pre-installed and can be configured within minutes.

Mounts and Covers

Product	Order No.	Product description
Wall mount inclinable 31.5" to 54.6"	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Wall mount inclinable 46" to 65"	DS-91-101	Inclinable wall mount for all displays from 46" up to 65"
Dust shield for POS-Line 42" to 65"	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
Cover for cable connectors POS-Line PME and PIII Series 31.5" to 54.6"	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 and PIII Series from 31.5" up to 54.6"
Cover for cable connectors POS-Line PME and PIII Series 65"	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 and PIII Series 65".
Cover for cable connectors POS-Line IQ Series 31.5" to 54.6"	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 Core-i Series from 31.5" up to 54.6". Also suited for optional PC boxes DS-91-426, DS-91-427 and DS-91-930.
Cover for cable connectors POS-Line IQ Series 65"	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 Core-i Series 65". Also suited for optional PC boxes DS-91-426, DS-91-427 and DS-91-930.
Cover for cables POS-Line 31.5" to 54.6"	DS-91-922	Cable cover. Only available in combination with covers DS-91-723 and DS-91-578.
Cover for cables POS-Line 65"	DS-91-962	Cable cover. Only available in combination with covers DS-91-960 and DS-91-961.

Brilan 4K – Monitors for highest details

Brilliant representation with 75"

Ultra High Definition (UHD) 4K TFT Monitors with a resolution of 3840 x 2160 pixels offer four times the resolution of conventional Full HD Monitors. The high pixel density allows pin-sharp imaging of filigree structures and the presentation a lot of information. Four Full HD images without scaling can be displayed simultaneously. Even scaled content is displayed much sharper and the readability is highly improved. For example, even the finest hairline cracks can be visualized in medicine and industry.

For driving the Brilan 4K Monitor, powerful controller cards are used, which can handle various input signals such as DisplayPort 1.2, HDMI 2.0, HDMI 1.4, DVI DualLink and VGA. Of course, features such as scaling, Picture in Picture (PiP) and Picture by Picture (PbP) are also supported.
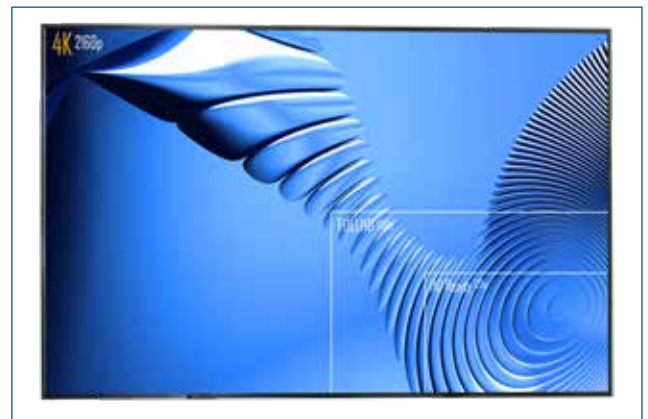

- MONITOR FOR INSTALLATION, WALL AND CEILING
- OPEN FRAME OR DESKTOP
- FRAME FOR FRONT INSTALLATION
- VIDEO CONTROLLER
- SAFETY GLASS AS AN OPTION
- PORTRAIT OR LANDSCAPE
- ROBUST METAL HOUSING - ALUMINIUM

Brilan 4K 75" with removable PC box Core-i

Brilan 4K 75" monitor open frame

Brilan 4K – Video monitor

75"

available from QI/ 2019

Order number		DS-92-021
Size	[mm]/[inch]	1905/ 75"
Type		Monitor with TrueFlat bezel
Resolution	[Pixel]	3840 x 2160 (4K)
Brightness	[cd/m²]	700
Viewing angle	[°]	178 h/ 178 v
Active Area	[mm]	1650.24 x 928.26
Backlight		LED
Colours	[M]	16.7
Contrast		4000:1
Response time (on/off)	[ms]	6.5
Pixel class		ISO 9241 - 307 (pixel error class II)
Lifetime backlight	[h]	50.000
Interfaces		1 x HDMI, 1 x DP, more tbd
HDCP support		yes
VESA	[mm]	MIS-F 800 x 400 (M6) monitor 75 x 75/ 100 x 100 backside for PC
Ambient temperature operation	[°C]/ [°F]	0 ~ 35/ 32 ~ 95
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140
Orientation		Portrait and landscape
Chassis		Aluminium, powder coated, RAL 9005 (black)
Power supply	[V]	AC 100 - 240V
Power consumption (typ.)	[Watt]	tdb., ca.300
Weight	[kg]/ [lb]	tdb, ca. 52.0/ 97.0
Dimensions (W x H x D)	[mm]	1676 x 954 x 92
Conformity		CE, FCC Class A, EU-RoHS

Brilan 4K – Options

		TrueFlat glass	Safety bezel for glass	Front bezel
Order number		DS-92-037	DS-92-036	DS-92-032
Size		75"	75"	
Can be combined with		Safety bezel for glass	Only with safety glass	——
Specification		Safety glass, 4 mm, antiglare, black printed Passepartout	Coated steel, gepulvert, RAL 9005 (black)	
Weight	[kg]/ [lb]	ca. 15.0/ 33.07	ca. 2.0/ 4.41	
Dimensions with Glas/Touch	[mm]	1682 x 960 x 95	1689 x 967 x 98 (preliminary)	

Bezel, powder coated

Brilan 4K – Accessories

Cables

Product	Order No.	Product description
DP 4K	KA-40-105	Cable Display Port 1.2 4k male/male 2m

PCs and Electronic

Product	Order No.	Product description
PC box i5	DS-92-033	Removable PC box withIntel® Core™-i5 7300-U CPU, 120 GB M.2Sata, 8 GB RAM Extension for all displays of the Video PME and Video PIII Series from 31.5" to 64.5"
Memory extension RAM Core-i	DS-92-028	RAM extension up to 16 GB for IQ Core-i
Memory extension SSD Core-i	DS-92-027	SSD M.2 extension up to 240 GB for IQ Core-i
Power supply	DS-91-945	Desktop power supply. Necessary to operate PC boxes from 31.5" to 64.5" without monitor, 12V/ 60 W

Operating systems

Product	Order No.	Product description
Windows 10 Pro. 64 bit German	DS-60-811	Operating system
Windows 10 Pro. 64 bit English	DS-60-810	Operating system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	Operating system

Fireload optimized displays 31.5"- 54.6"

Certificated displays without smoke gas development according to B-S1,d0

Protection against fire hazard and assessment of reaction to fire is a basic presumption when planning and erecting buildings. Installing and maintaining save escape routes for people in case of fire is an indispensable part of preventive fire protection measures.

There is a growing demand for the installation of public displays in public areas of buildings. Visitor guiding systems, guest or employee information systems and advertising in public areas are some of the applications in industry, hospitals, schools and universities, public buildings and at trade fairs. Usually the places of installation such as entrance halls, stairways and corridors, are in the majority of cases also part of the signposted fire escape routes and preventive fire protection measures that do not allow the installation of devices which contribute to the fire load or to smoke gas production.

Based on the POS-Line public displays series, Distec designed and developed a monitor series which is optimized regarding the contribution to fire and smoke gas emission. The monitors have been tested according to DIN EN 13501-1 with SBI method EN 13823:2010-12 and considerably fall below the limits of class B-S1,d0, which means difficult to ignite (B), no smoke gas emissions (S1) and no flaming droplets (d0). This is the best classification next to non-flammable.

The devices are equipped with an integrated PC or a RGB controller, have a protective glass and a stable housing made of steel sheet. Each monitor is accompanied by a certificate certifying the fire class for the device.
As a variant, BLO monitors are also available with a housing in RAL 9010 (pure white).
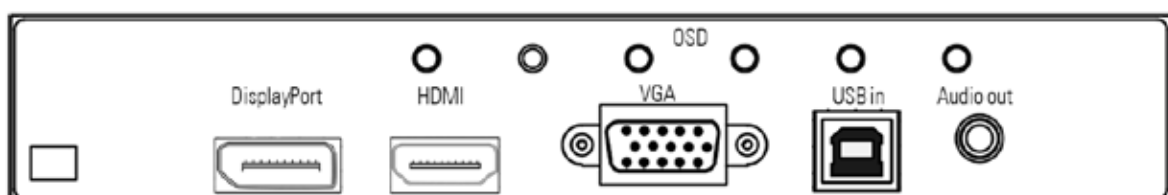
- DISPLAYS FOR ESCAPE ROUTES ACCORDING TO B-S1,d0
- NO/ BARELY SMOKE GAS DEVELOPMENT
- NO BURNING DROPLETS
- INTEGRATED THERMAL SECURITY
- HALLOGEN FREE POWER SUPPLY
- FIRE LOAD CERTIFICATE

- AS A MONITOR OR WITH INTEGRATED PC
- FIRE PROTECTION GLASS
- HARDLY INFLAMMABLE
- VESA
- ROBUST METAL CHASSIS

DISTEC

Order number		DS-91-727	DS-91-729	DS-91-731	DS-91-733
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"	1168.4/ 46.0"	1386.8/ 54.6"
Type		Smoke gas and fire load optimized displays with certificate. Classified according to DIN EN13501-1 as B-s1,d0			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	500	700		
Viewing angle	[°]	165 h/ 165 v			
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED			
Colours	[M]	16.7			
Contrast		3000:1	4000:1		
Response time (on/off)	[ms]	8	6.5		
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
Interfaces		1 x RGB, 1 x HDMI 1.3a, 1 x DP 1.1a, 1 x remote OSD, 1 x OSD 4 buttons, touch (option), 1 x audio out			
HDCP support		Yes			
VESA	[mm]	MIS-F 400 x 400 (M6)			
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104			
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140			
Orientation		Portrait and landscape			
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			
Front bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			
Glass		Fire protection glass, 7mm			
Power supply	[V]	AC 100 - 240V/ 50-60 Hz			
Power consumption (typ.)	[Watt]	44	97	67	97
Weight	[kg]/ [lb]	20.3/ 44.75	29.3/ 64.60	36.8/ 81.13	49.0/ 108.0
Dimensions (W x H x D)	[mm/ inch]	762 x 456 x 117.5 30.00 x 17.95 x 4.63	994 x 587 x 117.5 39.13 x 23.11 x 4.63	1081 x 636 x 117.5 42.56 x 25.04 x 4.63	1273 x 744 x 117.5 50.12 x 29.29 x 4.63
Conformity		CE, EU-RoHS, B-S1, d0 according to EN13501-1			

Order number		DS-91-965	DS-91-966	DS-91-967	DS-91-968
Size	[mm]/[inch]	800.1/ 31.5"	1066.8/ 42.0"	1168.4/ 46.0"	1386.8/ 54.6"
Type		Smoke gas and fire load optimized displays with certificate. Classified according to DIN EN13501-1 as B-s1,d0			
Resolution	[Pixel]	1920 x 1080 (FHD)			
Brightness	[cd/m²]	500	700		
Viewing angle	[°]	165 h/ 165 v			
Active Area	[mm]	698.40 x 392.85	930.24 x 523.26	1018.08 x 572.67	1209.60 x 680.40
Backlight		LED			
Colours	[M]	16.7			
Contrast		3000:1	4000:1		
Response time (on/off)	[ms]	8	6.5		
Pixel class		ISO 9241 - 307 (pixel error class II)			
Lifetime backlight	[h]	50.000			
PC		CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA			
Interfaces		2 x LAN 100/1000, 1 x USB 3.0, 1 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232			
HDCP support		—			
VESA	[mm]	MIS-F 400 x 400 (M6)			
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104			
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140			
Orientation		Portrait and landscape			
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			
Front bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish			
Glass		Fire protection glass, 7mm			
Power supply	[V]	AC 100 - 240V/ 50-60 Hz			
Power consumption (typ.)	[Watt]	55	101	72	99
Weight	[kg]/ [lb]	20.6/ 45.42	29.6/ 65.26	37.1/ 81.79	49.3/ 108.69
Dimensions (W x H x D)	[mm/ inch]	762 x 456 x 117.5 30.00 x 17.95 x 4.63	994 x 587 x 117.5 39.13 x 23.11 x 4.63	1081 x 636 x 117.5 42.56 x 25.04 x 4.63	1273 x 744 x 117.5 50.12 x 29.29 x 4.63
Conformity		CE, EU-RoHS, B-S1, d0 according to EN13501-1			
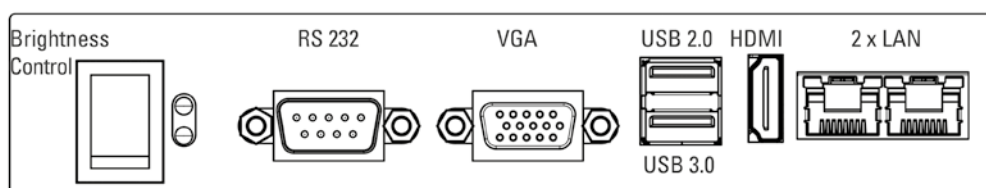
Smoke gas and fire load optimized displays – Accessories

PCs and Electronic

Product	Order No.	Product description
Memory extension RAM Atom	DS-91-975	RAM extension up to 8 GB for IQ Atom
Memory extension SSD Atom	DS-91-997	SSD MSATA extension up to 240 GB for IQ Atom

Operating systems

Product	Order No.	Product description
Windows 7 FES 64 bit German	DS-60-725	Operating system
Windows 7 FES 64 bit English	DS-60-781	Operating system
Windows 10 Pro. 64 bit German	DS-60-811	Operating system
Windows 10 Pro. 64 bit English	DS-60-810	Operating system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operating system

Application software

Product	Order No.	Product description
WEBPOStER	DS-60-787	WEBPOStERs are monitors that continuously display the content of a website. These monitors are based on an embedded LINUX system and are network devices. WEBPOStERs are configured via network with an internet browser. After configuration the monitor connects to a given website and begins a continuous display of its content. System administration or regular software updates are not required. WEBPOStER software is available for monitors of the IQ Atom series from 15" up to 64.5" The software is pre-installed and can be configured within minutes.

Mounts and Covers

Product	Order No.	Product description
Wall mount inclinable 31.5" to 54.6"	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Dust shield for POS-Line 42" to 65"	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
Cover for cable connectors POS-Line PME and PIII Series 31.5" to 54.6"	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 and PIII Series from 31.5" up to 54.6"

High-bright displays 31.5" and 54.6"

Large monitors with strong backlighting for bright environments

In locations with a high ambient light level, for example shop windows, outdoors or brightly lit atria, displays with normal backlighting can be difficult to read. Data Display Group offers a range of products with a particularly strong backlight that are ideal in these conditions.

These displays have a backlight brightness of 1000 cd/m² and 2500 cd/m². High-bright displays are available in diagonal sizes 31.5" and 54.6". To protect the panels, they are supplied as standard with temperature monitors and brightness controls. In the event the temperature becomes too high, or if ambient light levels fall, the display regulates the screen brightness down in stages. As an option, the equipment can be extended to incorporate a removable PC-Box with Intel® Atom or Core-i5. Strong metal housings confirm our principle of development in accordance with industrial quality criteria.

- DISPLAY FOR BUILD-IN AND WALL

- HIGH BRIGHTNESS UP TO 2500 CD/M²

- HIGH QUALITY LCD PANELS WITH LED BACKLIGHT

- OPTIONAL WITH REMOVABLE ATOM OR CORE-I PC BOX

- BRIGHTNESS CONTROL AND TEMPERATURE MONITORING

- INFRARED REMOTE CONTROL FOR OSD

- PORTRAIT OR LANDSCAPE

- VESA

- ROBUST METAL CHASSIS

Sharp and
non-reflective
images with
high-bright
monitors from
Distec

POS-Line 55 High-Bright monitor open frame

Removable PC box (optionally)

High-bright Series – PIII (RGB, DVI, S-Video, Composite Video)

31.5"	54.6"

Order number		DS-91-913	DS-91-712
Size	[mm]/[inch]	800.1/ 31.5"	1386.8/ 54.6"
Type		Open-frame display with ambient light sensor and monitoring of panel temperature (Please find matching bezels on the opposite page)	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m²]	1000	2500
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	698.40 x 392.85	1209.60 x 680.40
Backlight		LED	
Colours	[M]	16.7	1073.7
Contrast		3000:1	4000:1
Response time (on/off)	[ms]	10	8
Pixel class		ISO 9241 - 307 (pixel error class II)	
Lifetime backlight	[h]	60.000	60.000
Interfaces		1 x RGB, 1 x DVI (HDMI via DVI), 1 x S-Video, 1 x Composite Video, 1 x OSD 4 buttons, 1 x RS232	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140	
Orientation		Portrait and landscape	
Chassis		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Power supply	[V]	AC 100 - 240V/ 50-60 Hz	
Power consumption (typ.)	[Watt]	85	320
Weight	[kg]/ [lb]	13.2/ 29.1	40.0/ 88.18
Dimensions (W x H x D) Monitor Dimensions with VESA adapter	[mm]	759 x 454 x 78.5 759 x 454 x 109	1270 x 741 x 117 1270 x 741 x 145
Conformity		CE, FCC Class A, EU-RoHS	
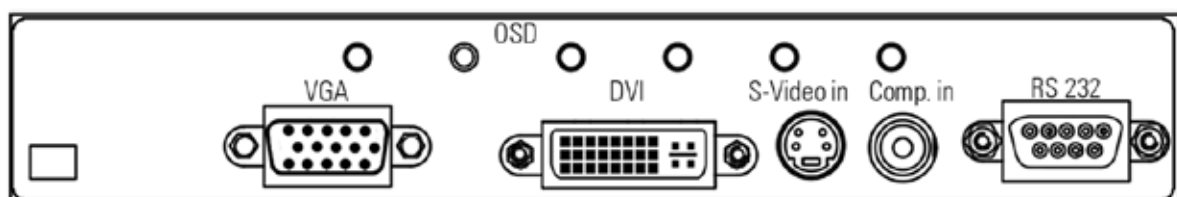
Options – PIII high-bright Series

Bezel powder coated

Front bezel

Order number		DS-91-910	DS-91-716
Size		31.5″	54.6″
Can be combined with		–	
Bezel		Sheet steel, powder coated, RAL 9005 (black), fine texture, matte finish	
Weight	[kg]/ [lb]	1.40/ 3.09	1.90/ 4.19
Dimensions with bezel	[mm]	762 x 456 x 110	1273 x 744 x 146

High-bright Series – Accessories

Cables

Product	Order No.	Product description
DVI	DS-50-424	DVI cable, 2 m
HDMI	PC-05-009	HDMI cable, 1.5 m
RGB	KA-40-053	RGB cable, 1.8 m

PCs and Electronic

Product	Order No.	Product description
PC box Atom	DS-91-930	Removable PC box with Intel® Atom CPU, 120 GB Msata®, 4 GB RAM Extension for all displays of the Video PME and Video PIII Series from 31.5" to 64.5"
Memory extension RAM Atom	DS-91-975	RAM extension up to 8 GB for IQ Atom
Memory extension SSD Atom	DS-91-997	SSD MSATA extension up to 240 GB for IQ Atom
PC box i5	DS-92-033	Removable PC box withIntel® Core™-i5 7300-U CPU, 120 GB M.2Sata, 8 GB RAM Extension for all displays of the Video PME and Video PIII Series from 31.5" to 64.5"
Memory extension RAM Core-i	DS-92-028	RAM extension up to 16 GB for IQ Core-i
Memory extension SSD Core-i	DS-92-027	SSD M.2 extension up to 240 GB for IQ Core-i
Power supply	DS-91-945	Desktop power supply. Necessary to operate PC boxes from 31.5" to 64.5" without monitor, 12V/ 60 W

Operating systems

Product	Order No.	Product description
Windows 7 FES 64 bit German	DS-60-725	Operating system
Windows 7 FES 64 bit English	DS-60-781	Operating system
Windows 10 Pro. 64 bit German	DS-60-811	Operating system
Windows 10 Pro. 64 bit English	DS-60-810	Operating system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operating system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	Operating system

High-bright Series – Accessories

Application software

Product	Order No.	Product description
WEBPOStER	DS-60-787	WEBPOStERs are monitors that continuously display the content of a website. These monitors are based on an embedded LINUX system and are network devices. WEBPOStERs are configured via network with an internet browser. After configuration the monitor connects to a given website and begins a continuous display of its content. System administration or regular software updates are not required. WEBPOStER software is available for monitors of the IQ Atom series from 15" up to 64.5"

The software is pre-installed and can be configured within minutes. |

Mounts and Covers

Product	Order No.	Product description
Wall mount inclinable 31.5" to 54.6"	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Wall mount inclinable 46" to 65"	DS-91-101	Inclinable wall mount for all displays from 46" up to 65"
Dust shield for POS-Line 42" to 65"	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
Cover for cable connectors POS-Line PME and PIII Series 31.5" to 54.6"	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 and PIII Series from 31.5" up to 54.6"
Cover for cable connectors POS-Line IQ Series 31.5" to 54.6"	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 Core-i Series from 31.5" up to 54.6". Also suited for optional PC boxes DS-91-426, DS-91-427 and DS-91-930.
Cover for cables POS-Line 31.5" to 54.6"	DS-91-922	Cable cover. Only available in combination with covers DS-91-723 and DS-91-578.

VideoWall monitors 46"
Monitors for video walls with narrow bezel

Monitors for video walls are characterized by a frame, which is narrow as possible. The most important feature is the distance between two adjacent Active Areas (A2A). This distance marks the black bars in the picture. Distec VideoWall Monitors offer a distance of A2A of 5.7 mm at 46" diagonal and a brightness of 700 cd / m².

The monitors are equipped with a special video card developed for video wall applications. The daisy-chain cabling facilitates installation. Via HDMI and DisplayPort, the signals can be forwarded directly from one monitor to the next one. The same applies to the control signals via RS232. Further functions are the edge suppression as well as the exact distribution of the screen contents on all monitors.
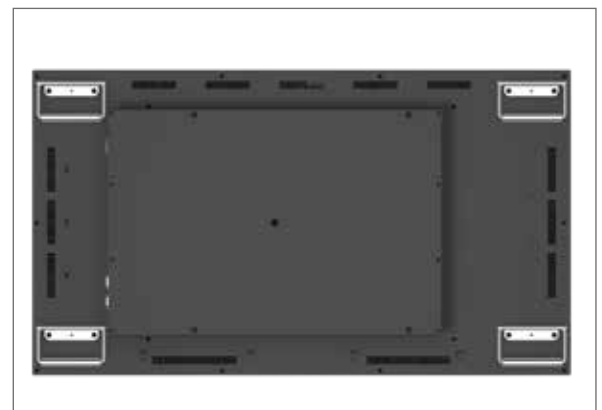
- MONITORS FOR VIDEO WALLS

- HIGH QUALITY LCD PANELS WITH LED BACKLIGHT

- SPECIAL CONTROLLER FOR VIDEO WALL APPLICATIONS

- DAISY-CHAIN CABLING FOR HDMI, DP AND RS232

- VESA

- HANDLES FOR SAFE HANDLING

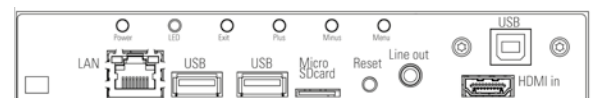- IR REMOTE CONTROL

- ROBUST METAL HOUSING

VideoWall monitors

available from QI/ 2019

Order number		DS-91-980	DS-91-998
Size	[mm]/[inch]	1168.4/ 46"	
Type		Monitors for video walls	IoT-Monitors for video walls
Gap Active Area (A2A)	[mm]	5.7	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Max. input resolution	[Pixel]	3840 x 2160	
Calibration		White Point D65 and same brightness	
Brightness	[cd/m²]	700	
Continuous operating time	[h] / [d]	18/ 7	
Daisy Chain Spec.		4k 60 Hz — 9 units / 4k 30 Hz — 16 units / FullHD 60 Hz — 25 units	
Viewing angle	[°]	178 h/ 178 v	
Active Area	[mm]	1018.08 x 572.67	
Backlight		LED	
Colours	[M]	1073.7	
Contrast		4000:1	
Response time (on/off)	[ms]	6.5	
Pixel class		ISO 9241 - 307 (Pixel error class II)	
Lifetime backlight	[h]	50.000	
Interfaces		HDMI 2.0 in, HDMI 2.0 out, (4k Daisy Chain), RS232 in, RS232 out, DisplayPort 1.2 in, IR sensor	1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Video wall functions		Edge suppression, tiling, daisy-chain cabling, PIP	
HDCP support		yes	
VESA	[mm]	MIS-F 400 x 400 (M6)	
Ambient temperature operation	[°C]/ [°F]	10 ~ 40/ 14 ~ 104	
Ambient temperature storage	[°C]/ [°F]	-0 ~ 60/ 32 ~ 140	
Orientation		Portrait and Landscape	
Chassis		Sheet steel. powder coated, black RAL 9005	
Power supply	[V]	AC 100 - 240V	
Power consumption (typ.)	[Watt]	130	
Weight	[kg]/ [lb]	28.0/ 61.73	
Dimensions (W x H x D)	[mm]	1024 x 579 x 86	
Conformity		CE, FCC Class A, EU-RoHS	

Interfaces Video

Interfaces IOT

Accessories VideoWall monitors

Cables

Product	Order No.	Product description
HDMI	PC-05-009	HDMI cable, 1.5 m
DP	DS-50-571	Display Port cable, 2 m

PCs and Electronic

Product	Order No.	Product description
Remote Control	DS-92-019	OSD remote control for Video wall displays 46"

Mounts and Covers

Product	Order No.	Product description
Wall mount	Recommen-dation	wall mount for walls: https://www.unicol.de/de/videowall-loesungen.aspx

Xtra-Line monitors 27" and 46"

Industrial monitors with special characteristics

Under the brand Xtra-Line we combine monitors with special features and designs that cannot be met by the other product lines. The Xtra-Line monitors include the following monitors:

- Xtra-Line 27 Video with TrueFlat Glass or TrueFlat PCAP Touch
- BrilanLED 116.8 cm (46") Video PME - with front frame (recessed and wall mounted)

The monitors all have a very small overall depth and are particularly suitable for installation in confined spaces. The BrilanLED also impresses with its very narrow frame of 16 mm. All monitors have a rugged metal housing, VGA, HDMI and DP interfaces and are particularly suitable for digital signage applications.

■ MONITOR FOR INSTALLATION AND WALL

■ HIGH QUALITY LCD PANELS WITH LED BACKLIGHT

■ 27" MONITOR WITH TRUE-FLAT GLASS OR TOUCH

■ VESA

■ ROBUST METAL HOUSING

BrilanLED 46"

Xtra-Line 27 back side

Xtra-Line 27 front

Xtra-Line 27 front options

| | 27.0" | 27.0" | 46.0" |

Order number		DS-92-031	DS-92-030	DS-91-579
Size	[mm]/[inch]	685.8/ 27"		1168.4/ 46"
Type		Monitor with TrueFlat bezel		Monitor with small bezel for in wall and on wall mounting
Resolution	[Pixel]	1920 x 1080 (FHD)		
Brightness	[cd/m²]	350		700
Viewing angle	[°]	178 h/ 178 v		
Active Area	[mm]	597.60 x 336.15		1018.08 x 572.67
Backlight		LED		
Number of colors	[M]	16.7		
Contrast		3000:1		4000:1
Response time (on/off)	[ms]	12		6.5
Pixel class		ISO 9241 - 307 (Pixel error class II)		
Life time back light	[h]	30.000		50.000
Interfaces		1 x VGA, 1 x DVI (HDMI over DVI), 1 x S-Video, 1 x Composite Video, 1 x OSD 4 button additional for DS-92-030: 1 x USB touch		1 x VGA, 1 x HDMI, 1 x DP , 1 x Remote OSD, 1 x OSD 4 button, 1 x audio out
HDCP support		yes		
VESA	[mm]	MIS-F 200 x 200 (M4)		300 x 300 (M6) MIS-F 400 x 400 (M6)
Ambient temperature operation	[°C]/ [°F]	0 ~ 40/ 32 ~ 104		
Ambient temperature storage	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140		
Orientation		Portrait and Landscape		
Chassis		Sheet steel powder coated RAL 9005, black		Aluminium/steel powder coated RAL 9005
Glass		Safety glass, 3 mm, anti glare, printed Passepartout RAL 9005 (black)		——
Touch		——	PCAP, 10 points	——
Power supply input	[V]	AC 100 - 240V/ 50-60 Hz		
Power supply output	[V]	24/ 5A		——
Power consumption (typ.)	[Watt]	22		91
Weight	[kg]/ [lb]	12.0/ 26.45		20.5/ 45.20
Dimensions (W x H x D)	[mm]	380 x 632 x 40		1050 x 604 x 64.0
Conformity		CE, FCC Class A, EU-RoHS		
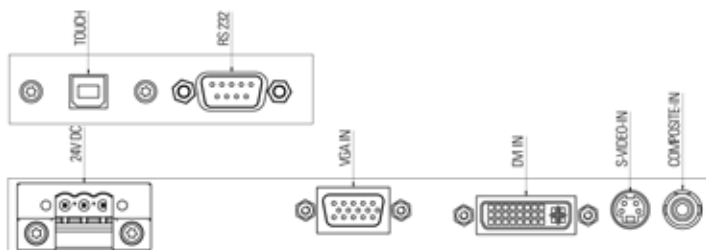
Interfaces 27"
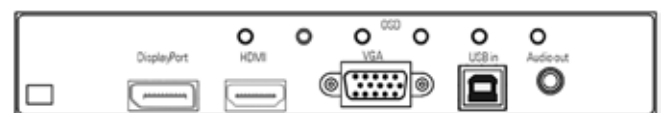
Interfaces 46"

Xtra-Line monitors – Options and accessories

Cables

Product	Order No.	Product description
DVI	DS-50-424	DVI cable, 2 m
HDMI	PC-05-009	HDMI cable, 1.5 m
DP	DS-50-571	Display Port cable, 2 m
RGB	KA-40-053	RGB cable, 1.8 m

Mounts and Covers

Product	Order No.	Product description
Wall mount inclinable 31.5" to 54.6"	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Wall mount inclinable 46" to 65"	DS-91-101	Inclinable wall mount for all displays from 46" up to 65"

Customized monitors

Design - Production - Logistics - Everything from one source - Everything from Germany

With more than two decades of experience in the development of TFT-LCD controllers and monitors Distec GmbH is one of the market's specialists.

Core competencies:

TFT Distribution: Direct access to all major manufacturers
Electronics: Development of TFT controllers, ARM and FPGA based architectures
Touch solutions: individual adaptation of touch glasses and functionality
Software: Firmware and driver software development for TFT controllers under Linux and Windows
System Design: Application-dependent development of monitor solutions including control and thermal design
Production: Production and testing of monitors and assemblies
Certification: Certification of the products
Logistics: Neutral, direct shipping, timely deliveries

References:

Many well-known companies now give their trust to Distec GmbH. For them, we successfully develop and manufacture individual monitor solutions according to industrial standards (ISO 9001: 2015).
The fields of application are manifold: Medical technology, military technology, automotive and capital goods industry, food and vending industry, retail as well as building control technology are among Distec's most frequent markets.
Digital signage and industrial signage applications can be found in many applications.
Whether as an information terminal in the POS, for merchandise presentation in shops and shop windows, in machines, for machine operation or in modern paperless production as an information medium - Distec monitors fulfill the requirements of our customers.

You can not meet your requirements with a standard monitor? We look forward to talking to you and are sure to develop a tailor-made solution for you as well.

Examples of customer-specific adaptations:

- Integration of special components such as e.g. Scanners, NFC or RFID readers, control or PC boards, network hub
- Solutions in customer design or with customer color
- Specially hardened front glasses or glass surfaces for antireflection or reduction of fingerprints
- Integration of sensors (temperature, brightness or function monitoring) to control the monitor brightness depending on the ambient light
- Management software for central administration

Contact

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