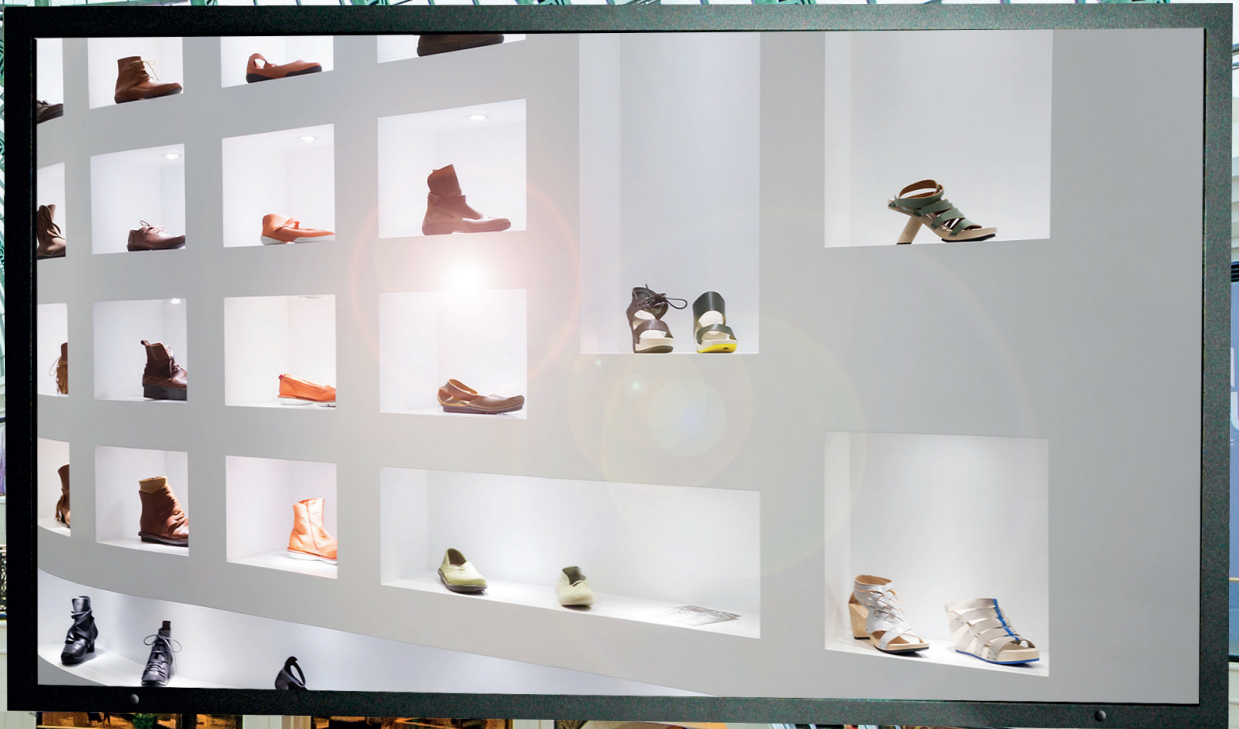


DATASHEET



 **DISTEC**  
A FORTEC GROUP MEMBER

**MONITOR HB 54.6**

**ALWAYS SUN CLEAR VIEW  
VISUALISE YOUR CONTENT**

# Panel and housing

## POS-Line High Bright 54.6"

Panel Diagonal	[mm] / [Inch]	1386.8/ 54.6"
Type		Open -frame monitor (various options)
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	2500
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1209.60 x 680.40
Number of colors	[M]	1073.7
Contrast ratio		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	60.000
Continuous operating time	[h] / [d]	20/ 7
Mounting	[mm]	VESA MIS-F 400 x 400 (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors		Landscape: bottom Portrait: left (front view)
Location of OSD buttons		Landscape: bottom Portrait: left (front view)
Housing		Coated sheet steel, black RAL 9005
Power supply	[V]	AC 100 - 240/ 50-60 Hz
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for one way pallet (max. 4 packages p.p.)
Package Contents		Safety instructions, driver DVD, power cable



Open frame monitor



### High Bright 54.6 open frame



### HB 54.6 with PC box

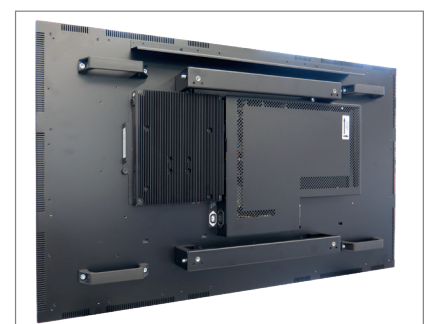
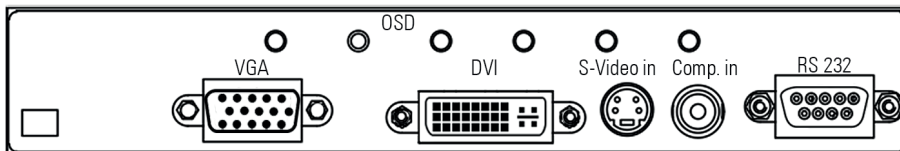


Image differs from the original, fans missing

## VGA, DVI, S-Video, CVBS

## POS-Line 54.6" HB Video

Order number		DS-91-712
Interfaces		1 x VGA, 1 x DVI (HDMI via DVI), 1 x S-Video; 1 x Composite Video; 1 x RS232; 1 x OSD 4 button
Remote control		Infrared remote control for OSD menu incl. 2 batteries
Power consumption (typ.)	[Watt]	320
Weight	[kg/ lb]	40.0/ 88.18
Dimensions (W x H x D)	[mm/ inch]	1270 x 741 x 145 50.0 x 29.17 x 5.71



## Bezel

## Options

Order number		DS-91-716
Name		Front bezel
Finish		Steel, powdered, black RAL 9005
Weight	[kg/ lb]	1.90/ 4.19
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1273 x 744 x 146 50.12 x 29.29 x 5.75



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

## External PC

Order number	DS-92-033
Name	PC Box extern IQ Core-i5 DFI KU173
Description	PC Module for external mounting
Interfaces	2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
PC	CPU: Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Available for controller	Video PME, PIII A
Fan	No
Weight [kg/ lb]	2.6/ 5.73
Dimensions [mm/ inch]	240 x 257 x 48.5/ 9.45 x 10.24 x 1.97
Power supply	<b>DS-91-945</b> for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

## Accessories



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

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



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

## Mounts and Covers

## Accessories

Product	Order no.	Product description
Wall mount	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Wall mount	DS-91-101	Titling wall mount for all displays from 46" up to 64.5"
Protective cover	DS-91-604	Installed on top of the display, dust shield prevents liquid or falling dust from penetrating the electronic part of the monitor via the upper air vents
Cable cover for connectors	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"
Cable cover for connectors	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 and DS-91-427.
Cable cover for connectors	DS-91-922	Cable cover. Only available in combination with covers DS-91-723 and DS-91-578.

## Operating systems, Software

Product	Order no.	Product description
Windows 7 embedded 32 bit DE	DS-60-645	Operation system only for Atom
Windows 7 embedded 32 bit EN	DS-60-650	Operation system only for Atom
Windows 7 FES 64 bit DE	DS-60-725	Operation system only for Atom
Windows 7 FES 64 bit EN	DS-60-781	Operation system only for Atom
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operation system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	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 DISTEC

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Designed,  
developed and  
made in Germany

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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).

### USA

<b>Apollo</b> <b>Display Technologies, Corp.</b> 87 Raynor Avenue, Unit 1 Ronkonkoma NY 11779 United States of America	Phone +1 6 31 5 80 43 60 Fax +1 6 31 5 80 43 70 E-Mail: <a href="mailto:info@apolloDisplays.com">info@apolloDisplays.com</a> Internet: <a href="http://www.apolloDisplays.com">www.apolloDisplays.com</a>
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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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