

DATASHEET



 **DISTEC**
A FORTEC GROUP MEMBER

MONITOR HB 31.5

ALWAYS SUN CLEAR VIEW
VISUALISE YOUR CONTENT

Panel and housing

POS-Line High Bright 31.5"

Panel Diagonal	[mm] / [Inch]	800.1/ 31.5"
Type		Open -frame monitor (various options)
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m²]	1000
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	698.4 x 392.85
Number of colors	[M]	16.7
Contrast ratio		3000:1
Response time (on/off)	[ms]	10
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operating time	[h] / [d]	24/ 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
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for Euro pallet (max. 3 packages p.p.)
Package Contents		Safety instructions, driver DVD, power cable



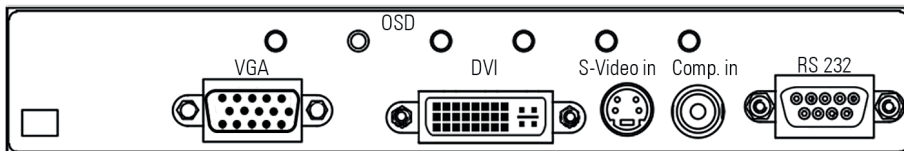
Open frame monitor



VGA, DVI, S-Video, CVBS

POS-Line 31.5" HB Video

Order number		DS-91-913
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]	85
Weight	[kg/ lb]	13.2/ 29.1
Dimensions (W x H x D)	[mm/ inch]	759 x 454 x 109 29.88 x 17.87 x 4.29



Bezel

Options

Order number		DS-91-910
Name		Front bezel
Finish		Steel, powdered, black RAL 9005
Weight	[kg/ lb]	1.40/ 3.09
Dimensions of monitor with option (W x H x D)	[mm/ inch]	762 x 456 x 110 30.0 x 17.95 x 4.33



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, PIIIA
Fan	No
Weight [kg/ lb]	2.6/ 5.73
Dimensions [mm/ inch]	240 x 257 x 48.5/ 9.45 x 10.24 x 1.97
Power supply	DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

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	DS-91-945 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

Product	Order no.	Product description
Wall mount	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Cable cover for connctetors	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.

Accessories

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.



Contact

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

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All figures are typical values. The real values of the panel may vary. The optical characteristics are determined after the panel has been „ON“ for approximately 30 minutes at an ambient temperature of 25° C (77° F).

Life time of the backlight is defined as the time to take until the brightness reduces to 50% of its original value.

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