



FORTEC
ELEKTRONIK AG

POS-Line BLO

Blaze load optimized monitors from 31.5 up to 54.6 inch – class

OUR GLOBAL
COMPETENCE
CENTERS



APOLLO DISPLAY
TECHNOLOGIES



DISTEC



DISPLAY
TECHNOLOGY

Product features

Designed,
developed and
made in Germany

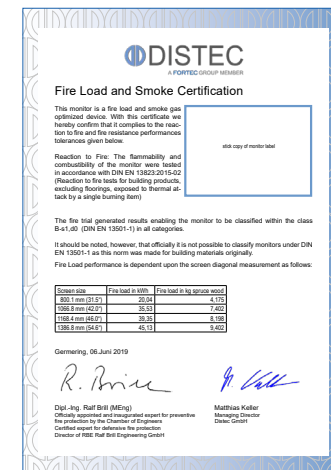
The Distec GmbH has been developing and manufacturing industrial monitors and display solutions for more than twenty years. Based on the POS-Line series, the Distec has developed a series of monitors which has been specifically optimized for fire behavior and flue gas development. All plastic parts, adhesive tapes and other combustible parts have been eliminated as far as possible. The housing has been completely made of metal.

In the absence of a classification system for electronic devices, the monitors were tested according to european DIN EN 13501-1 using the SBI method according to EN 13823: 2015-02.

- DISPLAYS FOR ESCAPE ROUTES ACCORDING B-s1,d0
- NO/ BARELY SMOKE GAS DEVELOPMENT
- NO BURNING DROPLETS
- INTEGRATED THERMAL SECURITY
- HALOGEN FREE POWER SUPPLY CABLE
- BLAZE LOAD CERTIFICATE
- INTEGRATED PC
- FIRE PROTECTION GLASS
- HARDLY FLAMMABLE
- ROBUST METAL CHASSIS, VESA

The necessary fire test was carried out at the MFPA-Leipzig/ Germany, which is a test institute for material research and inspection authority for construction engineering industry. Tested results in accordance with the above mentioned standards were confirmed by an independent expert.

The fire test has shown that the measured values are clearly below the class B-s1,d0, which makes the classification of the monitor in B which means hardly inflammable, and s1 which means no or hardly flue gas development and d0 no draining.



Certificate of registration of utility model

No.20 2017 002 566
Name: Blaze load and smoke gas optimized monitor
IPC: G09F 9/30
Owner: Distec GmbH, Sales of electronic components
 82110 Germering, Germany
Date of entry: 01.08.2017

POS-Line BLO

Fire protection class B-s1,d0



Fördermitglied im



Distec is supporting member of Bundesverband Brandschutz-Fachbetriebe e.V..

Please also visit our website:
www.brandschutzmonitore.de

Panel and Housing

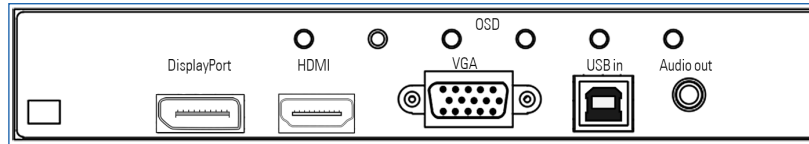
POS-Line BLO

Panel Diagonal	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"	1386.8/ 54.6
Type		Smoke gas and blaze load optimized displays with certificate		
Resolution	[Pixel]	1920 x 1080 (FHD)		
Brightness	[cd/m²]	500	700	450
Viewing angle (U/ D/ L/ R)	[°]	83/ 83/ 83/ 83		
Active Area	[mm]	698.40 x 392.85	1018.08 x 572.67	1209.6 x 680.4
Backlight		LED		
Number of colors	[M]	16.7		
Contrast ratio		3000:1	4000:1	
Response time (on/ off)	[ms]	8	6.5	8
Pixel class		ISO 9241 - 307 (pixel error class II)		
Life time back light until reaching half brightness	[h]	50.000		70.000
Continuous operating time		24/ 7		
VESA	[mm]	MIS-F 400 x 400 (M6)		
Operating temperature	[°C]/ [°F]	0 ~ 40/ 32 ~ 104		
Operation humidity	[%]	10 ~ 90 (non condensing)		
Storage temperature	[°C]/ [°F]	-20 ~ 60/ -4 ~ 140		
Panel orientation		Portrait and landscape		
Location of connectors and OSD		Landscape: backside down/ Portrait: backside left		
Housing and front bezel		Sheet steel, powder coated, RAL 9005 (black), including connection cover		
Glass/ IP grade		Fire protection glass, 7mm, IP20 on the front		
Power supply	[V]	AC 100 - 240V/ 50-60 Hz		
Conformity		CE, EU-RoHS, B-S1, d0 according to EN13501-1		
Packaging		single packaging, max. 3 pcs. per pallet		
Package Contents		Safety instruction, Power cable DB-07-604, BLO-B certificate		

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.

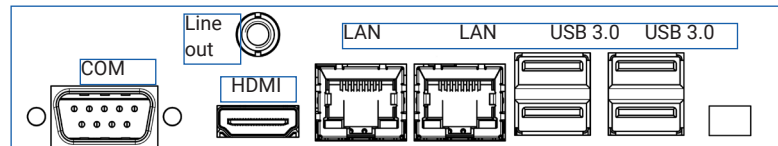
Video PME – VGA, HDMI, Display Port

POS-Line BLO



Order number		DS-91-727	DS-91-731	DS-92-249
Size	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"	1386.8/ 54.6
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Remote OSD, 1 x OSD 4 button		
Power consumption (typ.)	[Watt]	44	75	88
Weight	[kg]	20.3	36.8	45.5
Dimensions (W x H x D)	[mm]	762 x 456 x 117.5	1081 x 636 x 117.5	1273 x 743.6 x 119

IQ Celeron – PC Intel® Celeron®



Order number		DS-91-965	DS-91-967	DS-92-248
Size	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"	1386.8/ 54.6
Interfaces		2 x Gigabit LAN, 4 x USB 3.0, 1 x HDMI, 1 x RS232/422/485		
PC		Intel® Celeron® J3455 (1,5GHz/2,3GHz), RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA		
Fan		no		
Power consumption (typ.)	[Watt]	55	90	91
Weight	[kg]	20.6	37.1	48.5
Dimensions (W x H x D)	[mm]	762 x 456 x 117.5	1081 x 636 x 117.5	1273 x 743.6 x 119

Various accessories are available for POS-Line monitors.

All monitors can be customized according to your specific requirements.

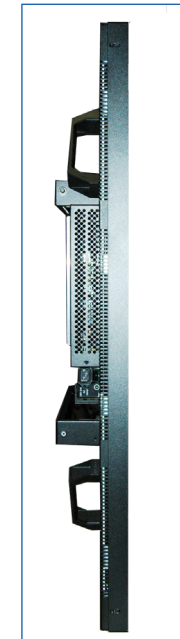
Please contact our sales team if you are interested in product modifications or custom designs.

Accessories

POS-Line BLO

Mount

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



Software

Product	Order no.	Product description
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system for Celeron
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system for Celeron
WIN 10 IOT Celeron®	DS-60-899	Embedded operation system 2019 LTSC
WebPoster IQ	DS-60-787	WEBPOSTER embedded Linux for IQ

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

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