



FORTEC
GROUP

POS-Line BLO

Blaze load optimized monitors from 31.5 and 46 inch according class B-s1, d0

One partner, unlimited technology solutions

Product Features

Designed,
developed and
made in Germany

POS-Line BLO

The FORTEC Integrated GmbH has been developing and manufacturing industrial monitors and display solutions for more than twenty years. Based on the POS-Line series, the FORTEC Integrated 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.

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.

According to Fire Protection Class B-s1,d0

- 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



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

Fördermitglied im
bvbf

FORTEC Integrated is supporting member of Bundesverband Brandschutz-Fachbetriebe e.V..

Please also visit our website:
www.brandschutzmonitore.de

Panel and housing

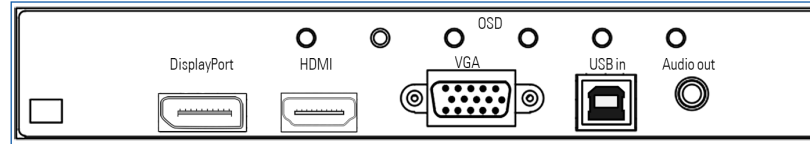
POS-Line BLO

Panel Diagonal	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"
Type		Smoke gas and blaze load optimized displays with certificate	
Resolution	[Pixel]	1920 x 1080 (FHD)	
Brightness	[cd/m ²]	500	700
Viewing angle (U/ D/ L/ R)	[°]	83/ 83/ 83/ 83	
Active Area	[mm]	698.40 x 392.85	1018.08 x 572.67
Backlight Number of colors	[M]	LED 16.7	
Contrast ratio		3000:1	4000:1
Response time (on/ off)	[ms]	8	6.5
Pixel class		ISO 9241 - 307 (pixel error class II)	
Life time back light until reaching half brightness	[h]	50.000	
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.

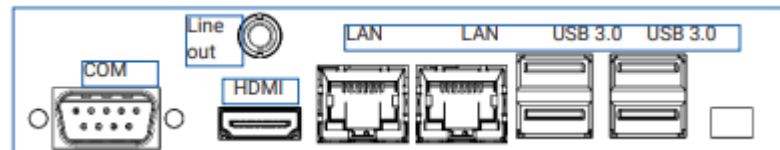
Video PME - VGA, HDMI, DisplayPort

POS-Line BLO



Order number		DS-91-727	DS-91-731
Size	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"
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
Weight	[kg]	20.3	36.8
Dimensions (W x H x D)	[mm]	762 x 456 x 117.5	1081 x 636 x 117.5

IQ Celeron - PC Intel® Celeron®



Order number		DS-91-965	DS-91-967
Size	[mm]/[inch]	800.1/ 31.5"	1168.4/ 46.0"
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
Weight	[kg]	20.6	37.1
Dimensions (W x H x D)	[mm]	762 x 456 x 117.5	1081 x 636 x 117.5

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
WIN 10 IOT Celeron®	DS-60-899	Embedded operation system 2019 LTSC

Copyright 2025 FORTEC Integrated GmbH.
Information in the document is subject to
change without prior notice.

Our corporate network supports you worldwide with branches in Germany, Austria, Switzerland, the UK and the USA, Great Britain and the USA. For further information, please contact us:

CONTACT

FORTEC GROUP

FORTEC Elektronik AG | Augsburg Str. 2b | 82110 Germering
+49 89 894450-0
info@fortecag.de | www.fortecag.de

FORTEC INTEGRATED

FORTEC Integrated GmbH | Augsburg Str. 2b | 82110 Germering
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC EGYPT

FORTEC Electronic Design and Solutions Egypt SMLC | Linx Business Park | Unit B318
Smart Village | Giza Governorate
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC POWER

FORTEC Power GmbH | Lise-Meitner-Straße 3 | 64560 Riedstadt
+49 6158 8285-0
weborder@fortec-power.de | www.fortec-power.de

AUTRONIC Steuer und Regeltechnik GmbH | Siemensstraße 17 |
74343 Sachsenheim
+49 7147 24-0
vertrieb@autronic.de | www.autronic.de

FORTEC CZECH REPUBLIC

FORTEC Czech Republic s.r.o. | Přátelství 275 | 330 02 Dýšina
+420 377 845878
fortec@fortec.cz | www.fortec.cz

FORTEC SWITZERLAND

FORTEC Switzerland AG | Bahnhofstraße 3 | 5436 Würenlos
+41 44 7446111
info@fortec.ch | www.fortec.ch

FORTEC UNITED KINGDOM

FORTEC Technology UK Ltd. | Osprey House | 1 Osprey Court
Hinchingsbrooke Business Park | Huntingdon | Cambridgeshire | PE29 6FN
+44 1480 411600
info@fortec.uk | www.fortec.uk

FORTEC UNITED STATES

FORTEC US, Corp. | 87 Raynor Avenue Unit 1 | Ronkonkoma | NY | 11779
+1 631 5804360
info@fortec.us | www.fortec.us