



FORTEC
GROUP

BLO-Line® Totem

Blaze load optimized 4K totem 54.6 inch — according to class A1

One partner, unlimited technology solutions

Product Features

Designed,
developed and
made in Germany

BLO-Line® 4K Totem



BLO-Line® - PRODUCT OF THE YEAR 2024
Feuertrutz-Award in the category structural fire protection

Fire safety regulations prevent the installation of devices that increase fire load and promote the development of smoke gases. FORTEC Integrated has specifically developed a monitor series that offers optimal fire protection.

- BLO-Line® 4K totems are fully functional units certified according to fire protection class A1, which means they meet the highest standards for fire protection.
- The certification was carried out based on the strictest European standards and verified and confirmed by independent experts.
- Our monitors are classified according to the European standard DIN EN13501-1 and fulfill the requirements of the VdS 6024 for fire protection of electrical devices in sensitive areas.
- Additional options such as integrated extinguishing devices make BLO-Line® 4K totem ideal for use in public buildings such as hospitals, universities, schools, and airports.
- Totems available as regular monitors, IoT systems, or standalone systems with integrated PCs, they offer flexible application possibilities without expensive and heavy fireproof enclosures.
- BLO-Line® 4K totems meet the strict smoke development requirements of the German MVVTrB:2024/01. While the TSP600s limit for MVVTrB is 35 m² and for the EU norm EN13501-1:2019-05 it is 50 m², BLO-Line with 21 m² is well below the requirements of both standards.

Our BLO-Line® 4K totems are the perfect solution for maximum safety demands and easy installation. Trust the quality and reliability of FORTEC Integrated when it comes to fire protection in public areas.

Suitable for escape and rescue routes



Fire protection according to class A1

Fully functional unit is certified

Without additional fireproof enclosure

Fördermitglied im FORTEC Integrated is supporting member of
Bundesverband Brandschutz-Fachbetriebe e.V.
bvbfbf More about BLO: www.brandschutzmonitore.de

Panel and housing

	Measure	Description
Panel Diagonal & Pixel class	[mm] / [Inch]	1387/ 54.6 ISO 9241-307 (pixel error class II)
Type		BLO-Line monitor with glass or touch and bezel
Resolution	[Pixel]	2.160 x 3.840 (4K)
Luminance (center)	[cd/m²]	265 (Class F) 560 (Class G)
Viewing angle (U/ D/ L/ R)	[°]	89/ 89/ 89/ 89
Active area (H/V)	[mm]	680.4 x 1209.6
Backlight & Number of colors	... [M]	LED 1070
Contrast ratio Response time (on/off)	... [ms]	4000:1 8.5
Life time back light until reaching half brightness	[h]	50.000
Continuous operating time	[h] / [d]	24/ 7
Mounting	[mm]	stand alone totem
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage & Operation humidity	[%]	10 ~ 80 (non condensing) 30 ~ 80 (non condensing)
Panel orientation		Portrait
Location of connectors and OSD buttons		Connector: Front View top OSD: Front View bottom
Housing		Powdered steel sheet, white RAL 9016
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg]	78
Dimension (W x H x D)	[mm]	739 x 1958 x 61.5 (Depth of foot 582.4)
Conformity		CE, FCC Class A, EU-RoHS, A1 according to EN13501-1
Packaging		Single packaging for one way pallet (1 - 3 pcs.)
Package Contents		Safety instructions, power cable DB-07-607, BLO-Line® certificate, energy classification label

BLO-Line® 4K Totem



BLO-Line® 4K totem 54.6 monitor with touch screen

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.

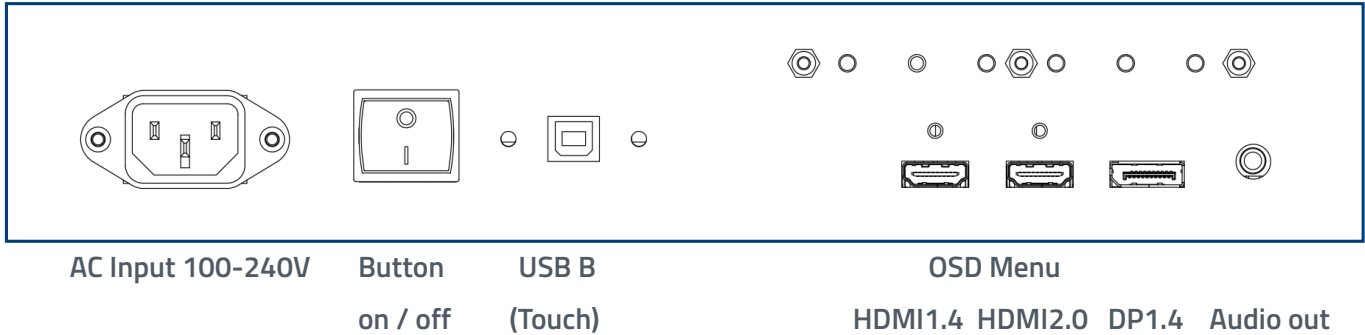
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Prisma 4K Advanced - HDMI, DisplayPort



BLO-Line® 4K Totem

Order number		MO-41-012
Interfaces		1x HDMI 1.4; 1 x HDMI 2.0; 1x DP 1.4; 1x Audio 3,5mm, USB B (Touch)
Power consumption (typ.)	[Watt]	66.8



BLO-Line® 4K totem with 54.6 monitor

Options

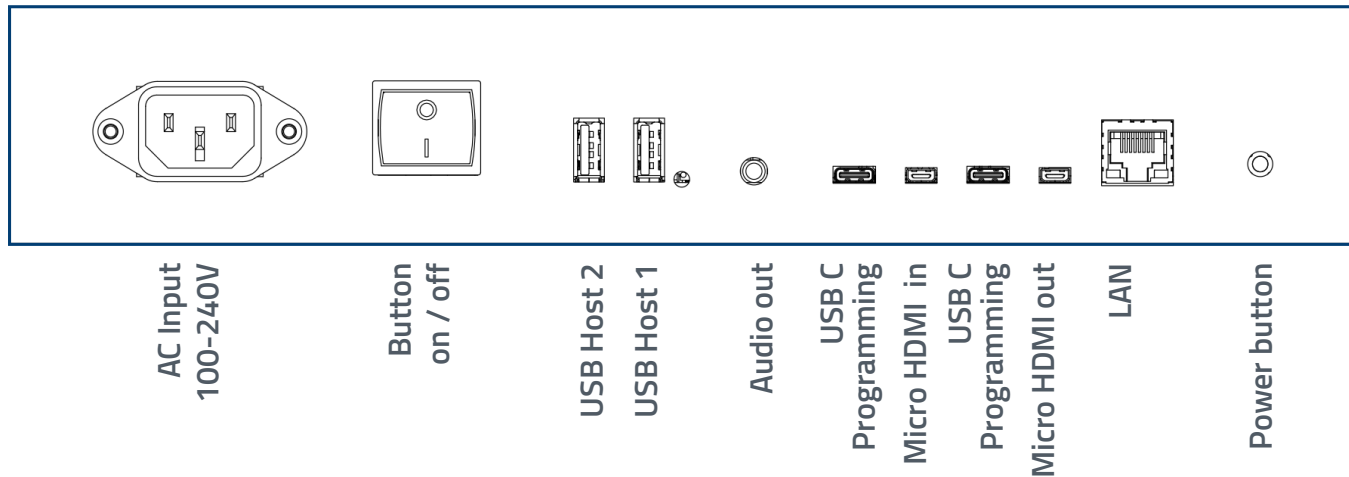
Order number P4K with touch	MO-41-055	Touch monitor with Prisma 4K
Touch technology		PCAP touch, 10 touch points, projected capacitive
Glass		Fire protection glass 6.5 mm
Can be combined with		—

Touch integrated

IOT - Raspberry® IoT Controller



Order number		MO-41-067
Interfaces		2x USB-A; 2x USB-C; 1x Audio 3,5mm; Micro-HDMI (4k, 60Hz); LAN RJ45
Raspberry® PI		CM3+, CM 4, 32 GB
Power consumption (typ.)	[Watt]	130



BLO-Line® 4K Totem



BLO-Line®
4K totem
54.6 monitor
backside

Options

Order number IoT with touch	MO-41-068	Touch monitor with IOT
Touch technology		PCAP touch, 10 touch points, projected capacitive
Glass		Fire protection glass 6.5 mm
Can be combined with		—

Touch integrated

WebPoster M4 - Website Player

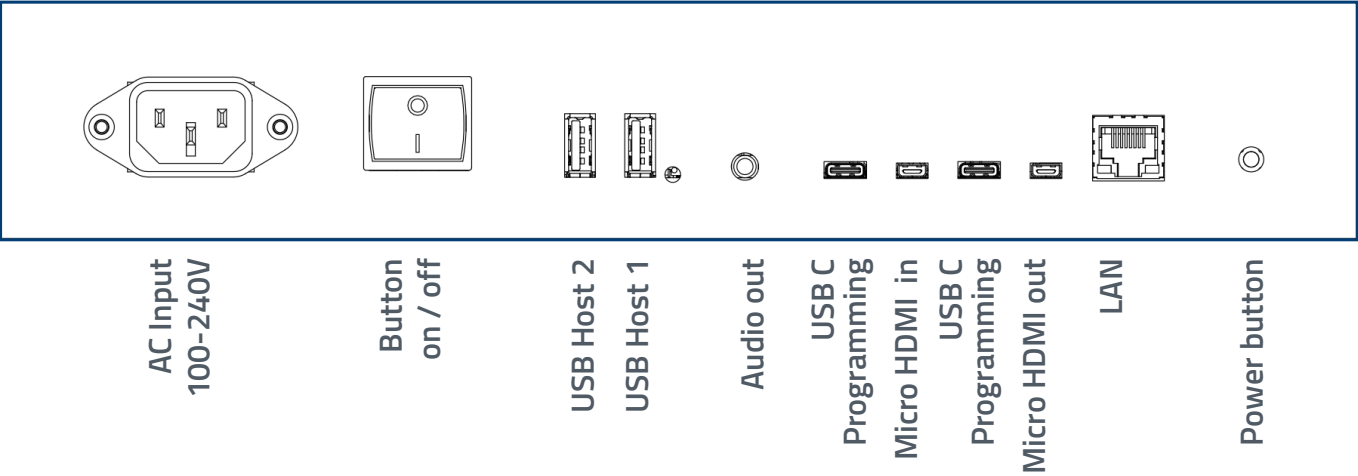


BLO-Line® 4K Totem

Order number		MO-41-069
Interfaces		2x USB-A; 2x USB-C; 1x Audio 3,5mm; Micro-HDMI (4k, 60Hz); LAN RJ45
Power consumption (typ.)	[Watt]	130

WebPoster M3 is an industrial FHD network player to show websites. It is a special designed FORTEC Integrated O/S for Artista IOT monitors.

Firmware is compatible with touchscreen applications.



Options

Order number WebPoster with touch	MO-41-070	Touch monitor with WebPoster M3
Touch technology		PCAP touch, 10 touch points, projected capacitive
Glass		Fire protection glass 6.5 mm
Can be combined with		—

Touch integrated

Our corporate network supports you worldwide with branches in Germany, Austria, Switzerland, the United Kingdom, the Netherlands, the Czech Republic, Egypt, and the United States. For further information, please contact:

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