

DATASHEET



BLO-LINE 46



Panel and housing

BLO-Line 46 monitor

Panel Diagonal	[mm] / [Inch]	1168.4/ 46
Type		BLO-Line monitor with glass and bezel
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m ²]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1018.08 x 572.67
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	6.5
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operation	[hh/d]	24/ 7
Mounting	[mm]	Wall mount included
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 (option)
Location of connectors		Landscape and portrait mode: backside middle
Location of OSD buttons		Landscape and portrait mode: backside middle
Housing		Powder coated stainless steel, RAL 9005
Glass		Fire protection glass, 7 mm
Power supply	[V]	AC 110-240/ 50-60 Hz
Weight	[kg/ lb]	44/ 97.0
Dimension (W x H x D)	[mm/ inch]	1079.5 x 634 x 81 42.5 x 24.96 x 3.19
Conformity		CE, FCC Class A, EU-RoHS A1 nach EN13501-1
Packaging		single packaging, max. 4 pcs. per pallet
Accessory kit		Safety instruction, Power cable DB-07-607 BLO certificate



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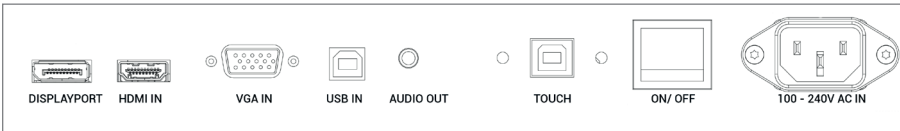
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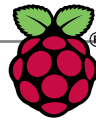
VGA, HDMI, DisplayPort

BLO-Line 46 Video PME

Order number		DS-92-060
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Audio Line-Out, 1 x USB-Remote
Power consump.(typ.)	[Watt]	92

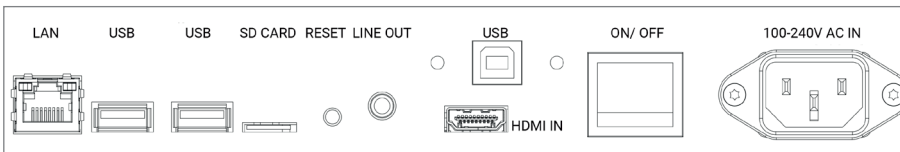


Raspberry® IoT controller



BLO-Line 46 IoT

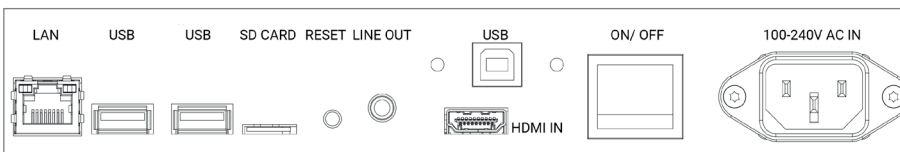
Order number		DS-92-076
Order number OS		DS-60-859
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x microSD card slot
Power consump. (typ.)	[Watt]	61



Network Mediaplayer

BLO-Line 46 VideoPoster

Order number		DS-92-125
Interfaces		1 x LAN, 2 x USB, 1 x HDMI in, 1 x Line out, 1 x microSD card slot
Power consumption (typ.)	[Watt]	61

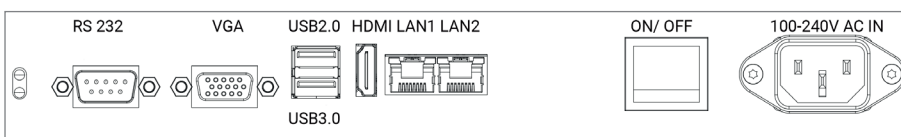


PC Intel Atom



BLO-Line 46" IQ Atom

Order number		DS-92-054
Interfaces		2 x Gigabit LAN, 1 x USB 3.0, 1 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232/422/485, 1 x RS232 (optional)
PC		CPU: Intel® Atom E3845 (1.9 GHz), RAM: 4 GB DDR3L, Storage: min. 128 GB mSATA
Fan		no
Power consump. (typ.)	[Watt]	72



Touch

Options

Order numbers	DS-92-133	Touch monitor with Prisma Media Eco
	DS-92-156	Touch monitor with IQ Atom®
	DS-92-157	Touch monitor with Raspberry® IoT
Name		PCAP touch
Glass		Fire protection glass. 6.5 mm
Touch points		10
Touch technology		Projected capacitive
Can be combined with		—
Packaging	DS-92-133	USB cable Typ A - Typ B

Mechanics

Order number	DS-92-079	AP-01-148
Name	Extinguishing cartridge	BLO-Line A1, portrait mode
Description	Higher safety in cases of fire	Information order number if the usage will be in portrait mode.
Available for	all versions	

Mounting

Accessories

Order number	DS-92-109
Name	Cable feedthrough, option for BLO 46"
Description	Outlet for cable feed, to cover the cable connections

Operating systems, Software

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



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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