

# DATA SHEET



**DATA DISPLAY GROUP**



**Model:** 40" Brilan 3D IQ  
**Order no.:** 091072 + 091075



picture includes options

## Display

Size:	40"
Type:	Samsung TFT LCD
Resolution:	1920 x 1080 pixel Full HD
Resolution perceived by 3D filter:	1024 x 576 pixel
Display Colors:	16,7M (true color)
Brightness (typ.):	700 cd
	Due to the 3D barrier filter, the resulting average brightness of the panel is reduced while visible pixel show original panel brightness.
Contrast Ratio (typ.):	3000:1
Response Time (typ.):	8ms Tg
Viewing Angle (typ.):	178 deg. horizontal, 178 deg. vertical
Viewing distance:	3,5 - 5 m (12-17feet) for maximal 3D effects
Display Area:	885.6 (H) x 498.15 (V)mm
Number of Backlights:	14 CCFTs
Norm:	ISO 13406/2
Operating Lifetime (typ.):	50.000 hrs., it is defined as the time to take until the brightness reduces to 50% of ist original value

## Features

Typ:	3D display module
3D Technology:	Barrier filter for 3D without glasses
OSD Menu:	allows selection of various functional parameters like brightness, contrast etc.

## System

### CPU

Processor:	AMD® AM2 /AM3 Athlon series
Socket:	940 AM+
System Bus:	533MHz /800MHz

### System Memory

Size:	4GB PC2-6400 (DDR2 800)
Sockets:	Two 240-pin DDR2 SDRAM DIMM

### Graphic Features

Graphic Chip:	NVIDIA GeForce® GT240
Graphic Memory:	1024MB

### Onboard Audio Features

Audio Chip:	Realtek ALC662 HD audio codec
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### Onboard LAN Features

LAN Chips:	Two Realtek RTL8111DL Gigabit controllers
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### HDD

Size:	250 GB HDD 3,5"
Bus:	SATA 2

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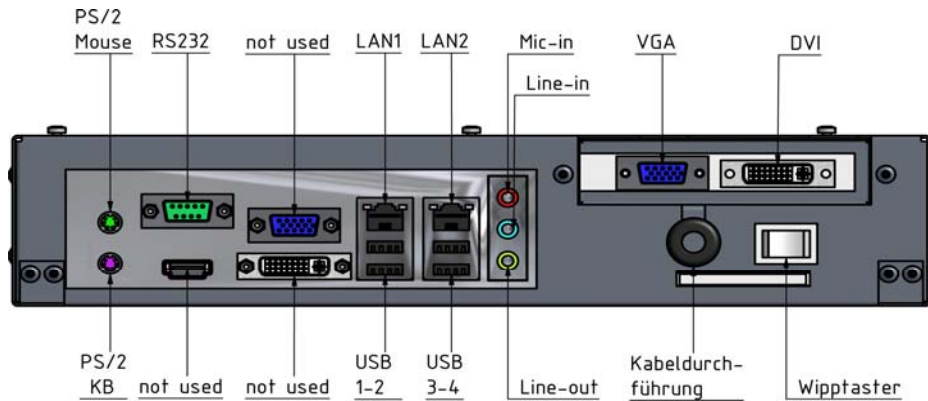
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## OPEN Mon Connector

LVDS:	24 Bit
DC Power:	24V/4A
Maintenance:	Serial Connector to Display Diagnostic Board (optional)

## Connections



USB:	4 USB 2.0/1.1 ports
Serial:	1 DB-9 serial port
VGA:	1 DB-15 VGA port , for internal display
DVI:	1 DVI-I port , for additional display
PS/2:	1 mini-DIN-6 PS/2 mouse port 1 mini-DIN-6 PS/2 keyboard port
Audio:	3 audio jacks: speaker-out, line-in and mic-in
LAN:	2 RJ45 LAN ports

## Position of connections

Landscape mode:	on the right side of the display
Portrait mode:	on the bottom of the display

## Power

Input AC Voltage:	100~240V, 50-60Hz
Brightness 50%	100W
Brightness 75%	200W
Brightness 100%	240W
Standby:	2W

## Environmental Conditions

Temperature (in operation):	10°C ~ 40°C ( 10°C ~ 35°C protection glass) surroundings temperature has influence on the maximum brightness
Humidity (in operation):	10 ~ 80% (non-condensing)

## Housing

Construction:	Steel construction dark gray powder coated, RAL 7016
Size:	917,82 x 532,29 x 162,9 (H x V x D)
Weight:	33,7 kg
Safety:	FCC class B, CE
Front Bezel Mounting:	left/right 4x M4 thread hole and up/down 2x M4 thread hole
Wall Mounting:	4x M8 Nut VESA Norm MIS-F, 600,400,8

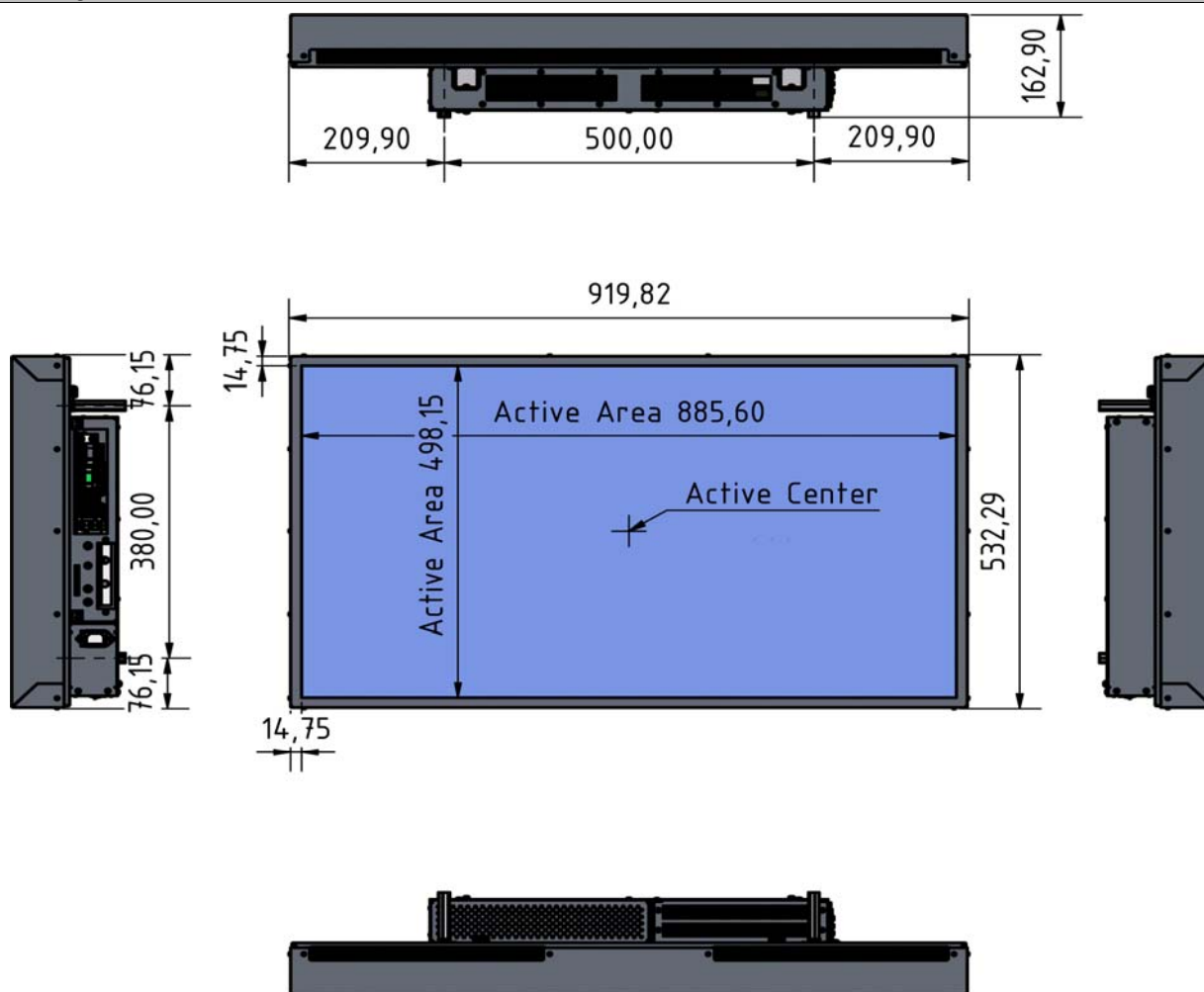
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in co-operation with  
**3D** Impact  
Media  
Technology & Content

## Drawing



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