

DATASHEET



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A FORTEC GROUP MEMBER

BRILAN 4K 74.5

**SIMPLY INTEGRATE
VISUALISE YOUR CONTENT**

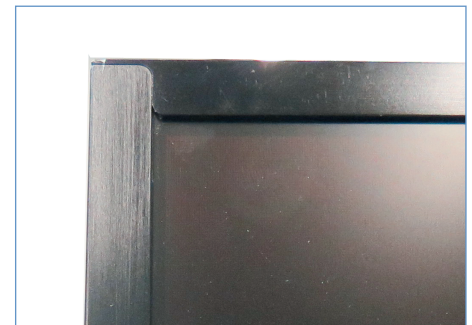
Panel and housing

Brilan 4K 74.5

Panel Diagonal	[mm] / [Inch]	1905/ 74.5
Type		Monitor open frame
Resolution	[Pixel]	3.840 x 2.160 (4K)
Luminance (cent./typ)	[cd/m²]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1650.24 x 928.26
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
Contin. operating time	[h] / [d]	24/ 7
Mounting	[mm]	VESA MIS-F 800 x 400 for monitor (M8)
		VESA MIS-D 75 x 75/ 100 x 100 (M4) on backside for PC
Storage temperature	[°C] / [°F]	-20 ~ 60/ -4 ~ 140
Oper. temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connect.		Landscape: bottom Portrait: left side (front view)
Location of OSD buttons		Landscape: bottom Portrait: left side (front view)
Housing		Powdered metal, black RAL 9005
Conformity		CE, EU-RoHS
Power supply	[VAC]	100-240~; 50/60 Hz
AC outlet	[VAC/ A]	100-240~; 50/60 Hz/ max 3.5
Packaging		Single packaging for transport per pallet, max. 2 pcs. per pallet
Package Contents		Safety instructions, driver DVD, power cable, HDMI cable, IR-remote control



Monitor with bezel



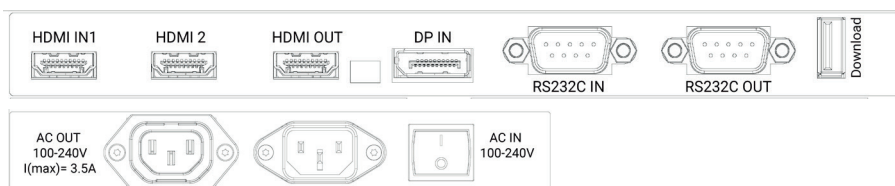
Open frame monitor without bezel



Backside of Brilan 4K 75

HDMI, DisplayPort

Order number		DS-92-021		
Interfaces		2x HDMI 2.0 in, 1x HDMI out (4K Daisy Chain), 1x DisplayPort 1.2a in, RS232 in, RS232 out, USB-A (Upload), Infrared Sensor; 7 Button OSD		
Remote control		Infrared remote		
Daisy Chain		4K 60 Hz	4K 30 Hz	FHD 60 Hz
		9 units	16 units	25 units
Power consumption (typ.)	[Watt]	260		
Weight	[kg/ lb]	52.0/ 114.64		
Dimensions (W x H x D)	[mm/ inch]	1676 x 954 x 92 65.98 x 37.56 x 3.62		



Brilan 4K 74.5 Video



Bezel/ Glass*

Order number		DS-92-032	DS-92-036
Name		Front bezel	Glass protection frame
Finish		Steel, powdered, black RAL 9005	Steel, powdered, black RAL 9005
Can be combined with		—	TrueFlat safety glass
Weight	[kg/ lb]	2.3/ 5.07	6.7/ 14.77
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1680 x 958 x 94 66.14 x 37.72 x 3.70	1689 x 967 x 99 66.49 x 38.07 x 3.90

Order number		DS-92-037
Name		TrueFlat glass
Finish		Steel, powdered, black RAL 9005/ glass TSG 4.0 mm with passepartout 17mm, RAL 9005
Can be combined with		Glass protection frame
Weight	[kg/ lb]	18.5/ 40.78
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1682 x 960 x 99 66.22 x 37.80 x 3.90

Options



Front bezel is a metal bezel for the open frame chassis and VESA mount.

Safety glass is an accessory for the open frame chassis. It covers and protects the TFT-panel.

*TrueFlat glass will reduce monitor brightness.

External PC/ Electronic

Order number	DS-92-033
Name	PC Box extern IQ Core-i5 DFI KU173
Description	PC Module for external mounting
Interfaces	2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
PC	CPU: Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Fan	No
Weight [kg/ lb]	2.6/ 5.73
Dimensions [mm/ inch]	240 x 257 x 48.5/ 9.45 x 10.24 x 1.97
Power supply	DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

Accessories



Optional removable PC box with Intel Core-i5 CPU. The PC box can be removed without taking the display down from the wall.

Product	Order no.	Product description
Speaker	DS-92-050	2 x 10 W, internal mounting
SSD Extension Core-i	DS-92-027	Extension for SSD M.2 up to 240 GB for IQ Co- re-i5
RAM Extension Core-i	DS-92-028	Extension for RAM up to 16 GB for IQ Core-i5
Cable DP for PC box	KA-40-115	DP cable for connection PC, 0,5m

Mounting

Product	Order no.	Product description
Wall mount landscape	DS-92-069	rigid wall mount for 75 inch for horizontal mounting of monitor
Wall mount portrait	DS-92-068	rigid wall mount for 75 inch for portrait mounting of monitor

Operating systems, Software

Product	Order no.	Product description
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	Operation system



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Designed,
developed and
made in Germany

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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