



FORTEC
GROUP

BRILANSERIES

Multifunctional and optimally designed 4K monitor 54.6"

One partner, unlimited technology solutions

Product Features

Designed,
developed and
made in Germany

BRILAN SERIES 54.6



The Brilan 4K monitors are available in sizes from 42.5" to 64.5" with bezel options from Open Frame to True Flat Glass. In addition to controllers that are supplied with information from the outside, the Brilan 4K is also available with a separate PC box to be attached to the monitor (54.6", 64.5") or an integrated Android solution.

The monitor can thus be operated independently of external information sources.

The Brilan 4K monitors are daisy chain capable. Several monitors are connected in series. The image information is then passed on from one monitor to the next in order to use it to display related information.

**High resolution
monitors**

**Brilliant display of
your content**



- Brilan 4K video monitor with UHD resolution offers a resolution four times higher than a FullHD monitor
- High pixel density allows pin-sharp imaging of filigree structures and enables displaying a lot of information
- Four FullHD images can be displayed simultaneously without scaling.
- There is IP65 protection on the front of TrueFlat Glass with corresponding customer sealing between front and wall/housing

**Perfext multimedia
conference tool**

Panel, Housing and Electric

	Measure	Description
Panel Diagonal	[mm] / [Inch]	1387/ 54.6
Type		Monitor open frame
Resolution	[Pixel]	3.840 x 2.160 (4K)
Luminance (center)	[cd/m ²]	700
Viewing angle (U/ D/ L/ R)	[°]	89/ 89/ 89/ 89
Backlight Number of colors	.. [M]	LED 16.7
Active area (H/V)	[mm]	1209.60 x 680.40
Contrast ratio Response time (on/off)	.. [ms]	4000:1 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	[h] / [d]	24/ 7
Mounting	[mm]	VESA MIS-F 400 x 400 for monitor (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors Location of OSD buttons		Landscape: bottom/ Portrait: left (front view)
Housing		Powdered steel sheet DC01, black RAL 9005
IP grade		IP 65 on the front if option TrueFlat glass
Audio		integrated full range speaker, 2 x 10 W
Power supply	[V]	AC 110 - 240; 50-60 Hz
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for Euro pallet (max. 3 packages p.p.)
Package Contents		Safety instructions, power cable, HDMI cable, IR-remote control

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Monitor with bezel



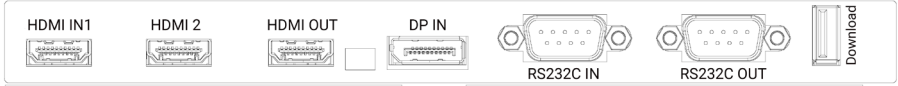
Backside of Brilan 4K 54.6, including glass protection frame in white

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 - VGA, HDMI, DisplayPort

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Order number		DS-92-085	DS-92-086				
Description		Open frame monitor	Monitor with TrueFlat glass				
Touch screen		—	—				
Glass		—	4 mm TSG, Passepartout RAL 9005				
Interfaces		2x HDMI 2.0 in, 1x HDMI out (4K Daisy Chain), 1x DisplayPort 1.2a in, 1 x RS232 in, 1 x RS232 out, 1 x USB-A (Upload), 1 x Infrared Sensor; 1 x 7-Button OSD					
Remote control		Infrared remote					
Daisy Chain		<table border="1"> <tr> <td>4K 60 Hz</td> <td>4K 30 Hz</td> </tr> <tr> <td>9 units</td> <td>16 units</td> </tr> </table>		4K 60 Hz	4K 30 Hz	9 units	16 units
4K 60 Hz	4K 30 Hz						
9 units	16 units						
Features		Edge fade-out, tiling, daisy chain wiring					
Power consumption (typ.)	[Watt]	140					
Weight	[kg]	32.0	45.0				
Dimensions (W x H x D)	[mm]	1235 x 705 x 73	1274 x 744 x 81				



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Options

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Electronic*



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

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		Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: min. 120 GB M.2Sata
Available for controller		Video PME
Fan		no
Weight	[kg]	2.60
Dimensions of monitor with option (W x H x D)	[mm]	240 x 257 x 48.5
Power supply		DS-91-945 for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

Order number	DS-92-088	
Name	Rock Pi4 Mini PC	
Description	internal ARM based Single board PC	
PC	1 x LAN, 2 x USB2.0, 2 x USB 3.0, no operating system Storage medium: internal storage (32 GB microSD)	
Fan	No	

Product	Order no.	Product description
SSD Extension Core™-i	DS-92-027	Extension for SSD M.2 up to 240 GB for IQ Core™-i5
RAM Extension Core™-i	DS-92-028	Extension for RMA up to 16 GB for IQ Core™-i5

Options

Order number		DS-92-091	DS-92-089
Name		Front bezel	Glass protection frame
Finish		Steel, powder coated, black RAL 9005	
Can be combined with		Only for open frame monitor	Only for monitors with TrueFlat safety glass
Weight	[kg]	1.5	4.0
Dimensions of monitor with option (W x H x D)	[mm]	1238 x 707 x 74	1280 x 750 x 81

Order number		DS-92-104
Name		Safety glass TSG incl. front bezel
Finish		Glass TSG 4.0 mm, Bezel: steel, powder coated, black RAL 9005
Can be combined with		Only for open frame monitor
Weight	[kg]	12.0
Dimensions of monitor with option (W x H x D)	[mm]	1238 x 707 x 79

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Bezel/ Glass*



Front bezel is a metal bezel for the open frame chassis.

*Glass and touch screens will reduce monitor brightness.

Safety glass is an accessory for the open frame chassis. It covers and protects the TFT-panel. Glass protection frame is an additional safety component for the TrueFlat glass.

Accessories

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Product	Order no.	Product description
LAN for remote contr.	DS-92-087	for all versions, LAN RJ 45
Cable DP for remote control	KA-40-115	DP cable fo connection to PC, 0,5m

Cable

Product	Order no.	Product description
Wall mount	DS-92-128	Ultra flat, rigid wall mount, Landscape & portrait for BRILAN 4K 54.6" and 64.5"
Wall mount PC Box	DS-92-094	Wall mount for external PC box

Mount



Product	Order no.	Product description
WIN 10 IOT Core™-i	DS-60-898	Embedded operation system 2019 LTSC

Software

Windows 10 IoT Enterprise is a full version of Windows 10 that provides enterprise manageability and security for embedded devices and IoT solutions such as medical devices, industrial automation, measurement systems, and more. It's a binary equivalent of Windows 10 Enterprise, so you can use the same familiar development and management tools as you would on client PCs and laptops. The embedded version of Windows 10 IoT Enterprise is supported by Microsoft for at least 10 years.

Unser Unternehmensnetzwerk unterstützt Sie weltweit mit Niederlassungen in Deutschland, Österreich, der Schweiz, Großbritannien und den USA. Für weitere Informationen kontaktieren Sie bitte:

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