

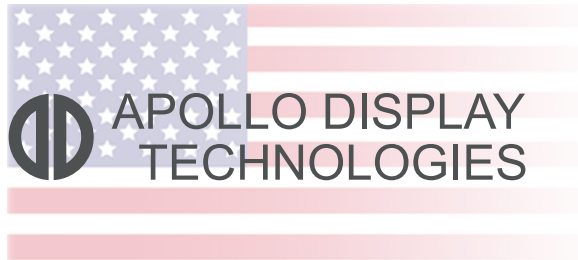


FORTEC
ELEKTRONIK AG

BRILANseries

multifunctional and optimally designed 4K monitor 74.5"

OUR GLOBAL
COMPETENCE
CENTERS



Product Features

Designed,
developed and
made in Germany

BRILANseries



The Brilan 4K monitors are available in sizes from 42.5" to 74.5" 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", 74.5") 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

Perfect multimedia
conference tool

Panel, Housing and Electric

	Measure	Description
Panel Diagonal	[mm] / [Inch]	1905/ 74.5
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		LED
Active area (H/V)	[mm]	1650.24 x 928.26
Number of colors	[M]	1007
Contrast ratio		4000:1
Response time (on/off)	[ms]	8
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)
		VESA MIS-D 75 x 75/ 100 x 100 (M4) on backside for PC
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
Location of connectors		Landscape: bottom/ Portrait: left (front view)
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
Audio0		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 transport per pallet (max. 3 packages p.p.)
Package Contents		Safety instructions, power cable, HDMI cable, IR-remote control

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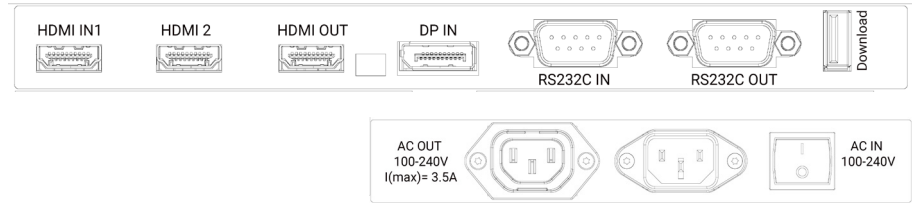
Monitor with bezel



Backside of Brilan 4K 74.5

Video PME - VGA, HDMI, Display Port

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Order number		DS-92-021						
Description		Open frame monitor						
Touch screen		—						
Glass		—						
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> <td>FHD 60 Hz</td> </tr> <tr> <td>9 units</td> <td>16 units</td> <td>25 units</td> </tr> </table>	4K 60 Hz	4K 30 Hz	FHD 60 Hz	9 units	16 units	25 units
4K 60 Hz	4K 30 Hz	FHD 60 Hz						
9 units	16 units	25 units						
Features		Edge fade-out, tiling, daisy chain wiring						
Power consumption (typ.)	[Watt]	260						
Weight	[kg]	52.0						
Dimensions (W x H x D)	[mm]	1676 x 954 x 92						

Options

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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		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



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-92-088
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

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Bezel/ Glass*

Order number		DS-92-032	DS-92-036
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]	6.7	3.2
Dimensions of monitor with option (W x H x D)	[mm]	1680 x 958 x 94	1689 x 967 x 99



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

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.

*Glass and touch screens will reduce monitor brightness.

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

Accessories

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

Cable

Product	Order no.	Product description
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system for Core-i
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system for Core-i
WIN 10 IOT Core™-i	DS-60-898	Embedded operation system 2019 LTSC

Software

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

Mounts

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

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