

DATASHEET



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**BRILAN 4K 54.6**

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# Panel and housing

## Brilan 4K 54.6

Panel Diagonal	[mm] / [Inch]	1387/ 54.6
Type		Monitor open frame
Resolution	[Pixel]	3.840 x 2.160 (4K)
Luminance (cent./typ)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1209.60 x 680.40
Number of colors	[M]	16.7
Contrast ratio		4000:1
Resp. time (on/off)	[ms]	8.5
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 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
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		Powder coated metal, black RAL 9005
Audio		integrated full range speaker, 2 x 10 W
Conformity		CE, EU-RoHS
Power supply	[VAC]	100-240~; 50/60 Hz
Packaging		Single packaging for transport per pallet, max. 4 pcs. per pallet
Package Contents		Safety instructions, driver DVD, power cable, HDMI cable, IR-remote control



Monitor with bezel



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

# HDMI, DisplayPort

## Brilan 4K 54.6 Video

Order number		DS-92-085	DS-92-086	DS-92-093
Description		Open frame monitor	Monitor with TrueFlat glass	Monitor with TrueFlat touch
Touch screen		—	—	PCAP TrueFlat touchscreen, 80 touch points
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		4K 60 Hz	4K 30 Hz	FHD 60 Hz
		9 units	16 units	25 units
Features		Edge fade-out, tiling, daisy chain wiring		
Power consum. (typ.)	[Watt]	140		
Weight	[kg/ lb]	32.0/ 70.55	45.0/ 99.21	
Dimensions (W x H x D)	[mm/ inch]	1235 x 705 x 73 48.62 x 27.75 x 2.87	1274 x 744 x 81 50.16 x 29.29 x 3.19	



## Bezel/ Glass\*

## Options

Order number		DS-92-091	DS-92-089
Name		Front bezel	Glass protection frame
Finish		Steel, powder coated, black RAL 9005	Steel, powder coated, black RAL 9005
Can be combined with		Only for open frame monitor	Only for monitors with TrueFlat safety glass or TrueFlat touch screen
Weight	[kg/ lb]	2.0/ 4.41	4.0/ 8.82
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1238 x 707 x 74 48.74 x 27.83 x 2.91	1279 x 749 x 81 50.35 x 29.49 x 3.19



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

## Bezel/ Glass\*

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/ lb]	10.8/ 23.81
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1238 x 707 x 79 48.74 x 27.83 x 3.11

## Options

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 and TrueFlat touch screen.

Glass and touch screens will reduce monitor brightness.

## Electronic

Order number		DS-92-033
Name		PC Box extern IQ Core-i5 DFI KU173
Description		external 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.

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 SD)

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 RAM up to 16 GB for IQ Core-i5
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

## Mounting

## Accessories

Product	Order no.	Product description
Wall mount landscape	DS-91-540	Inclinable wall mount

## Operating systems, Software

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
Windows 10 IOT 2019 LTSC	DS-60-898	Operation system DE/ EN for Core-i





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