

# DATASHEET



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## BRILAN 4K 85.6

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# Panel and housing

## Brilan 4K 85.6 monitor

Article number		DS-92-137
Panel Diagonal	[mm] / [Inch]	2174/ 85.6
Type		Touch monitor with glass safety frame
Resolution	[Pixel]	3.840 x 2.160 (4K)
Luminance (cent./typ)	[cd/m²]	350
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	1895.04 x 1065.96
Number of colors	[M]	1007
Contrast ratio		1000:1
Resp. time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light (min)	[h]	30.000
Contin. operating time	[h] / [d]	18/ 7
Mounting	[mm]	VESA MIS-F 600 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
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; 2x USB Touch
Daisy Chain		4K 60 Hz
		4K 30 Hz
		FHD 60 Hz
		9 units
		16 units
		25 units
Speaker	[W]	2 x 10
Touch		Capacitive, 20 touch points
Power supply	[V AC]	100 - 240
Power consumption (typ.)	[W]	280
Weight	[kg]	83 kg
Dimensions (W xH xD)	[mm]	1952 x 1122 x 94
Location of connect.		bottom (front view)
Location of OSD buttons		right side (front view)
Housing		Powder aluminium, black RAL 9005
Conformity		CE (Class B), EU-RoHS
Packaging		Single packaging for transport per pallet
Package Contents		Safety instructions, power cable



Monitor with safety frame



## 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

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)

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

## 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

## Mounting

Product	Order no.	Product description
Wall mount	DS-92-069	rigid wall mount for 85.6 inch for horizontal mounting of monitor
Special fastening ropes	DS-92-165	Adapter for suspension with ropes

## Accessories



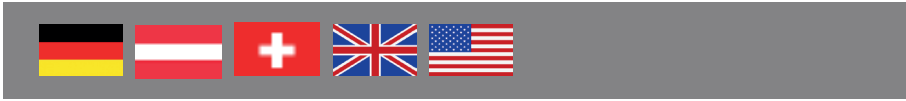
Optional removable PC box with Intel Core-i5 CPU. The PC box can be removed without taking the display down from the wall.

## Accessories

Option special fastening ropes:

2x Ø12 holes above the monitor allow the monitor to be suspended vertically. The ceiling anchorage and the wire ropes or chains are to be designed by the customer.

This option not allows a normal service of touchscreen.



Contact

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, Great Britain and the USA.  
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