

DATASHEET



 **DISTEC**
A FORTEC GROUP MEMBER

BRILAN 4K 85.6

**SIMPLY INTEGRATE
VISUALISE YOUR CONTENT**

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/m ²] | 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



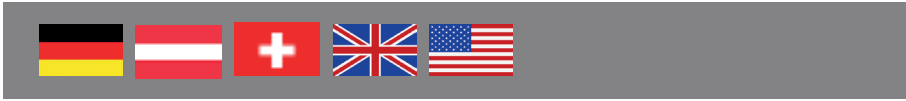
Optional removable PC box with Intel Core-i5 CPU. The PC box can be removed without taking the display down from the wall.

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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