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DATA SHEET

SID71

SID
Displays

SICK Sensor Intelligence



DISPLAYS

SID71

ORDERING INFORMATION

Type	part no.
SID71	6084141

Further device versions and accessories at www.sick.com/SID

DETAILED TECHNICAL DATA

FEATURES

Supported products	Programmable devices Devices with integrated web server
Product category	Programmable devices
Processor	quard-core, 1.6 GHz Arm® Cortex®-A53
Random Access Memory	8 GB eMMC Flash 4 GB RAM
Documentation	support.sick.com

MECHANICS/ELECTRONICS

Display	
Size	7 ″
Resolution	800 dpi x 480 dpi
Brightness	Typ. 500 cd/m²
Service life of backlight	Typ. 50,000 h
Viewing angle	89° (UDRL)
Color	24 bit (16.7 million colors)
Touch display	Projective capacitative multi-touch TFT
Supply voltage	18 V DC ... 32 V DC
Power consumption	Max. 14,71 W
Enclosure rating	Front side: IP66 Rear: IP20
Weight	+ 1,300 g
Dimensions (W x H x D)	202 mm x 146 mm x 51 mm
Mounting system type	Panel mounting, VESA mounting

INTERFACES

Ethernet	✓
Remark	RJ-45
Function	1 x USB-C 3.0, 2 x USB-A 2.0
Data transmission rate	480 Mbit/s ... 5 Gbit/s, 10/100/1000 Mbit/s
USB	✓ (3)
Remark	Please observe the notes in the operating instructions when using the interfaces.
Function	1x COM (RS-232/422/485)
Serial	✓
Function	1x COM (RS-232/422/485)
Memory card	1x microSD slot

AMBIENT DATA

Ambient operating temperature	–20 °C ... +50 °C
Ambient temperature, storage	–25 °C ... +60 °C
Permissible relative humidity	5 ... 85% RH Non-condensing

GENERAL NOTES

Items supplied	SID71 PCB connector Mounting brackets
Note	Silicone-free. Not free of paint wetting impairment substances.
Operating system	Linux Yocto

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
cULus certificate	✓

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/6084141

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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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