



SID71

SID

DISPLAYS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
SID71	6084141

Other models and accessories → www.sick.com/SID



Detailed technical data

Features

Supported products	Programmable devices Devices with integrated web server
Product category	Programmable devices
Processor	quad-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 capacitive 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	✓

Classifications

ECLASS 5.0	19200190
ECLASS 5.1.4	19200190
ECLASS 6.0	19200190
ECLASS 6.2	19200190
ECLASS 7.0	19200190
ECLASS 8.0	19200190
ECLASS 8.1	19200190
ECLASS 9.0	19200103
ECLASS 10.0	19200103
ECLASS 11.0	19200103
ECLASS 12.0	19200103
ETIM 5.0	EC001414
ETIM 6.0	EC001414
ETIM 7.0	EC001414
ETIM 8.0	EC001414
UNSPSC 16.0901	43211903

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com