



SID160 Pro

SID

DISPLAYS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
SID160 Pro	1125534

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

Detailed technical data

Features

Supported products	Devices with integrated web server Lector series InspectorP series SICK Analytics Solutions SICK AppEngine Field Analytics
Product category	Programmable devices
Processor	Intel® Pentium® Gold-Processor G5400T
Random Access Memory	16 GB RAM
Further functions	Watch Dog Timer Intel® integrated Gfx graphic engine

Mechanics/electronics

Display	Size	15.6 "
	Resolution	1,366 px x 768 px
	Brightness	Typ. 400 cd/m ²
	Viewing angle	85° (right)
		85° (left)
		50° (top)
		80° (bottom)
Touch display	Projective capacitive multi-touch LCD	
Housing	Front screen	ITO glass, chemical enhanced, 2,4± 0,2 mm
	Frame	Aluminum
Supply voltage	24 V DC	
Power consumption	60 W	
Enclosure rating	Front side: IP65	
Weight	8,500 g	
Dimensions (W x H x D)	396.8 mm x 247.1 mm x 53 mm	
Mounting system type	VESA mounting, Panel mounting, Wall mounting (requires separate accessories)	
MTBF	104,277 h	

Interfaces

Ethernet	✓ (2) , RS-232, RS-422, RS-485
Remark	RJ-45
Data transmission rate	1,000 Mbit/s ... 5 Gbit/s, GigE
USB	✓ (4)
Remark	2 x USB 3.0, 2 x USB 2.0
Data transmission rate	≥ 480 Mbit/s
Serial	✓
Memory card	1 x M.2 Key E slot 1 x full-size mini card slot

Ambient data

Electromagnetic compatibility (EMC)	EN 61000-6-4:2007+A1:2011 EN 61000-6-2:2005+AC:2005
Ambient operating temperature	0 °C ... +50 °C
Ambient temperature, storage	-15 °C ... +65 °C
Permissible relative humidity	20 ... 90 % RH

General notes




Items supplied	SID160 Pro 256 GB SSD hard drive Phoenix-Connector Panel mounting kit
Note	Not free of paint wetting impairment substances.
Operating system	Windows® 10 IoT Enterprise LTSC

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

Recommended accessories

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

	Brief description	Type	part no.
Power supply units and power supply cables			
	<ul style="list-style-type: none"> • Input voltage: 100 V AC ... 240 V AC • Output voltage: 24 V DC • Output current: 2.1 A • Enclosure rating: IP20 	PS50W-24V	7028789
	<ul style="list-style-type: none"> • Input voltage: 100 V AC ... 240 V AC • Output voltage: 24 V DC • Output current: 3.9 A • Enclosure rating: IP20 	PS95W-24V	7028790
	<ul style="list-style-type: none"> • Input voltage: ≤ 230 V AC • Output voltage: 24 V DC • Output current: 10 A • Description: Power supply unit 	Power supply unit	6032863

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