

Touch panel - TPG121SGS/200110021 S00068 - 2401636

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Rugged-Touch panel with 30.7 cm/12.1" TFT-display (Analog resistive (GFG)), 800 x 600 pixel(s) (SVGA), 16.7 million colors, Arm® Cortex®-A8, 1000 MHz, 2x USB 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Movicon™. (bus system: without)

Similar figure

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 322933
GTIN	4055626322933

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Outer dimensions: width, height, depth	359 mm x 280 mm x 5 mm (Dimensions of the front plate)
Installation dimensions: width, height, depth	323 mm x 244 mm x 58 mm (Mounting cutout, depth with bus if bus system present in the device)

Display

Display type	30.7 cm/12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Analog resistive (GFG)
Brightness	360 cd/m² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	16.7 million colors
Reading angle left	80 °
Reading angle right	80 °
Reading angle top	65 °

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Technical data

Display

Reading angle bottom	75 °
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Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Movicon™
RAM	512 MB LPDDR SDRAM
	1 MB SRAM
Mass storage	NAND-Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Integrated acoustic signal (buzzer)
Optional operating keys	without
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Bolt fixing
Weight	2750 g

Ambient conditions

Degree of protection	IP67 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %
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Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 15;
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Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Classifications

eCl@ss

eCl@ss 5.0	27330202
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

UNSPSC

UNSPSC 13.2	43211904
UNSPSC 19.0	43211904

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