

TPE121BGS/A00290029 S00131 - Touch panel



2401661

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Rugged-Touch panel, 30.7 cm / 12.1"-TFT display (Analog resistive (GFG)), 800 x 600 pixel(s) (SVGA), 262144 colors, Intel® Atom™ E3815 1.46 GHz, 4x USB Host 2.0, 1 x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Compact 7, Open platform, without bus system.

Similar figure

Commercial data

Item number	2401661
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACA
GTIN	4055626378985
Weight per piece (including packing)	2.75 kg
Weight per piece (excluding packing)	2.75 kg
Country of origin	DE

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Product properties

Product type	Operator panel
Application	Rugged

Computer data

Processor	Intel® Atom™ E3815 1.46 GHz
Operating system	Windows® Embedded Compact 7
RAM	2 GB DDR3
Data storage system	Flash, 4 GB (integrated)
Slots	1x SD
Extras	Integrated acoustic signal (buzzer)

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	360 cd/m ² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	65.00 °
Reading angle bottom	75.00 °

Interfaces

Interfaces	4x USB Host 2.0
Network	1 x Ethernet (10/100/1000 Mbps), RJ45
Bus system	without bus system

System properties

User software	Open platform
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
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Max. current consumption	1 A
Real-time clock	
Realtime clock	Yes

Mounting

Mounting type	Bolt fixing
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Material specifications

Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-30 °C ... 80 °C
Altitude	4000 m
Permissible humidity (operation)	5 % ... 95 % (Front) 20 % ... 85 % (On the rear)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	359 mm / 280 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	323 mm / 244 mm / 87 mm (Mounting cutout, depth with bus if bus system present in the device)
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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-15 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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