

# TPE150ZGX/800230024 S00061 - Touch panel

2401266

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Rugged-Touch panel, 38.1 cm / 15"-TFT display (Analog resistive (GFG)), 1024 x 768 pixel(s) (XGA), 262144 colors, Intel® Atom™ E680T 1.6 GHz, 4x USB Host 2.0, 1x Ethernet (10/100/1000 Mbps), RJ45, Windows® CE 6.0, Movicon™, without bus system.

## Commercial data

Item number	2401266
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCACC
GTIN	4055626107745
Weight per piece (including packing)	3,400 g
Weight per piece (excluding packing)	3,400 g
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™ E680T 1.6 GHz
Operating system	Windows® CE 6.0
RAM	2 GB DDR2 SDRAM
Data storage system	SATA DOM SSD (SLC), 8 GB
Slots	1x SD

#### Display

Display type	38.1 cm / 15"-TFT
Screen resolution	1024 x 768 Pixel(s) (XGA)
Touch technology	Analog resistive (GFG)
Display lighting type	LED
Brightness	480 cd/m² 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	80.00 °

### Interfaces

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

### System properties

User software	Movicon™
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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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## Real-time clock

Realtime clock	Yes
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## 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	416 mm / 325 mm / 5 mm (Dimensions of the front plate)

Installation dimensions	
Width / Height / Installation depth	382 mm / 291 mm / 110 mm (Mounting cutout, depth with bus if bus system present in the device)

## 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.

### EU REACH SVHC

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