

Data sheet

Touch Panel TP 604LC (62E-MGC0-DH)

Technical data

Order no.	62E-MGC0-DH
------------------	--------------------

Type	Touch Panel TP 604LC
------	----------------------

General information

Note	-
------	---

Features	4.3", TFT, 480x272 Pixel Cortex-A8 processor, 667MHz 256 MB work memory, 128 MB user memory RS232, RS422/485, USB-A, Ethernet RJ45 (MPI/DP interface optional available) Windows Embedded CE 6.0 Professional, Runtime Movicon CE Basic
----------	---

Display

Display size (diagonal)	4.3 "
-------------------------	-------

Display size (width)	95 mm
----------------------	-------

Display size (height)	54 mm
-----------------------	-------

Resolution	272 x 480 / 480 x 272
------------	-----------------------

Aspect ratio	16:9
--------------	------

Type of display	TFT color (64K colors)
-----------------	------------------------

MTBF Backlights (25°C)	30000 h
------------------------	---------

System properties

Processor	Cortex-A8 667 MHz
-----------	-------------------

Operating system	Windows CE 6.0 Core
------------------	---------------------

User software	Movicon 11 CE Basic
---------------	---------------------

Work memory	256 MB
-------------	--------

User memory	128 MB
-------------	--------

Available memory (user data)	40 MB
------------------------------	-------

SD/MMC Slot	yes
-------------	-----

CF Card Slot Typ II	-
---------------------	---

CFast Slot	-
------------	---

Time

Real-time clock buffered	yes
--------------------------	-----

Clock buffered period (min.)	26 w
------------------------------	------

Type of buffering	Manganese Rechargeable Lithium Battery
-------------------	--

Load time for 50% buffering period	5 h
------------------------------------	-----

Load time for 100% buffering period	24 h
-------------------------------------	------

Accuracy (max. deviation per day)	2 s
-----------------------------------	-----

Operating controls

Touchscreen	resistive
-------------	-----------

Touch function	Single Touch
----------------	--------------

Keyboard	external via USB
----------	------------------

Mouse	external via USB
-------	------------------

Interfaces

MPI, PROFIBUS-DP	optional
MPI, PROFIBUS-DP connector	-
Serial, COM1	RS232
COM1 connector	Sub-D, 9-pin, male
Serial, COM2	RS232 / RS422 / RS485
COM2 connector	Sub-D, 25-pin, female
Number of USB-A interfaces	1
USB-A connector	USB-A (host)
Number of USB-B interfaces	-
USB-B connector	-
Number of ethernet interfaces	1
Ethernet	Ethernet 10/100 MBit
Ethernet connector	RJ45
Integrated ethernet switch	-
Video connectors	-
Audio connections	-

Technical data power supply

Power supply (rated value)	DC 24 V
Power supply (permitted range)	DC 20.4...28.8 V
Reverse polarity protection	yes
Current consumption (no-load operation)	0.16 A
Current consumption (rated value)	0.3 A
Inrush current	75 A
I^2t	0.36 A ² s
Power loss	6 W

Status information, alarms, diagnostics

Supply voltage display	none
------------------------	------

Mechanical data

Housing / Protection type

Material	PC
Mounting	mounting clips
Protect type front side	IP 65
Protect type back side	IP 20

Dimensions

Front panel	140 mm x 116 mm x 6 mm
Rear panel	122 mm x 98 mm x 51 mm

Installation cut-out

Width	123 mm
Height	99 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Weight	500 g

Environmental conditions

Operating temperature	0 °C to 50 °C
-----------------------	---------------

Storage temperature -20 °C to 60 °C

Certifications

UL certification yes

KC certification -
