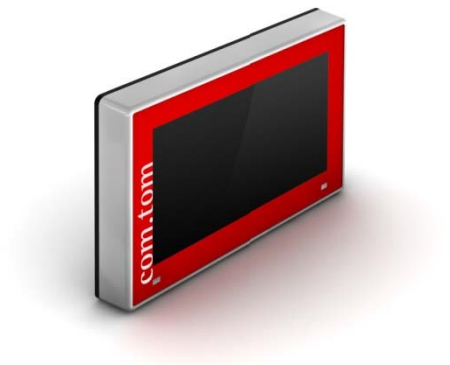


Datasheet: com.tom GRAPHIC 4.10

The local Dashboard com.tom GRAPHIC 4.10 combines all components for a powerful embedded HMI application, including factory and building automation. The HMI is equipped with a 4.3" TFT with touch, ARM Cortex controller, Power-LED and backlight controller with an ambient light and proximity sensor.

The unit is designed for Panel mounting by means of one or two threaded nozzle with 22 mm diameter.

The device includes firmware that allows the user of the use of the corresponding library to create its own application.



Technical data

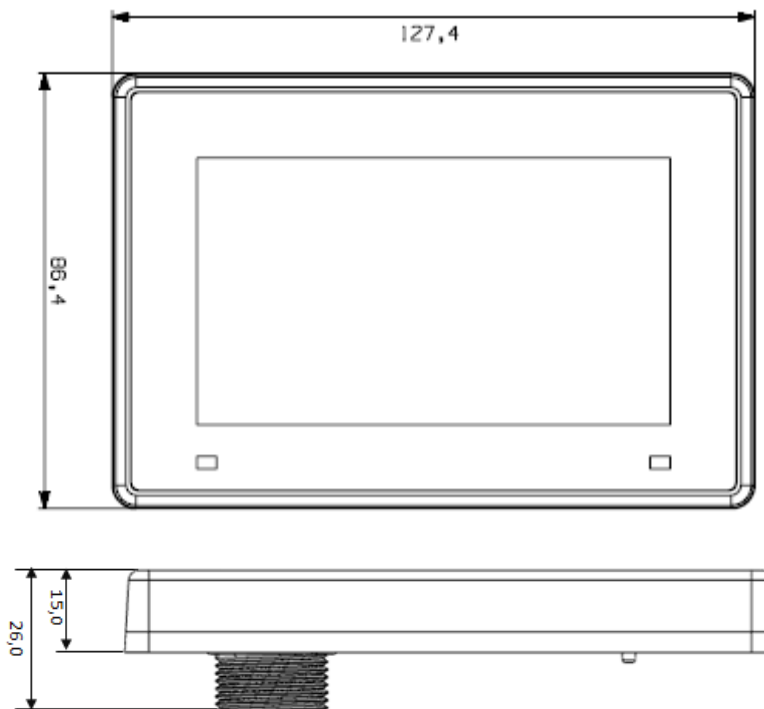
TFT display	4,3" (10,9 cm), 480 x 272 Pixel, 64K colors Contrast Ratio Typ. 500 Luminance typ. 220cd/m ²
Backlight type	LED, dimmable. Lifetime 20K hrs. at 100%
Touch	Resistive
Graphic controller	Cortex-M3
Frame memory	SDRAM 64 MBit (4M x 16)
Ethernet interface	10/100Mbit Connected over accessory adapter
Supply voltage	12 - 24 VDC ($\pm 10\%$) approx. < 2 W Connected over accessory adapter

Software

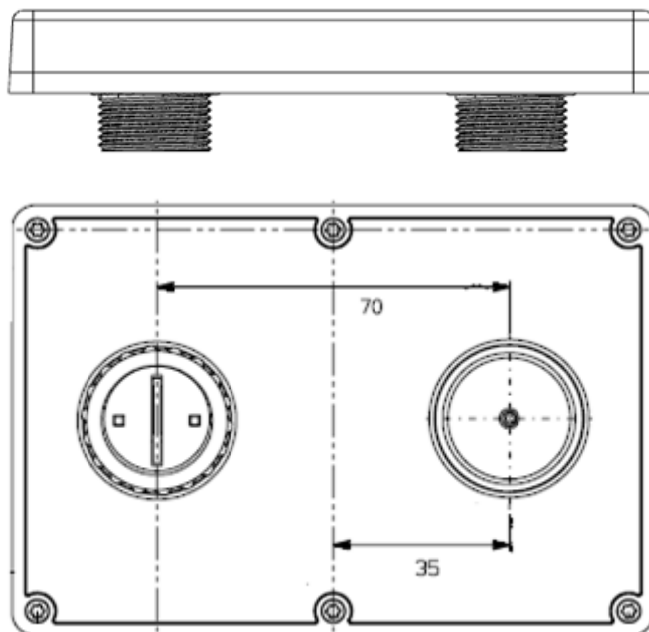
com.tom GRAPHIC 4.10 Firmware	GC04 Firmware for an intelligent graphic controller with a set of graphic primitives. Host CPU communicate peer-to-peer on Ethernet packet level. Host use IPC@CHIP® Graphics Library (GCLIB) and IPC@CHIP® ChipForms Library.
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Mechanical data

Size (W x L x H) with connector	86.4 x 127.4 x 15 mm with accessory adapter (H): 60 mm
Mounting	22 mm nozzle, optional with 2 nozzles associated nut(s) included max 5 mm panel thickness
Material	Back: Polycarbonate, colour: Black Front: ABS resin, color: beamless chrome



Option with two nozzles:



Environmental

Operating temperature (TA)	0°C to +55°C
Protection class	IP65 (Front), IP00 (Back)
Storage temperature	-20 to +70 °C
Operating and storage humidity	5 – 85 % relative humidity, non-condensing

Compliance and Conformity

CE, RoHS/WEEE

- EMC emission	IEC 61000-6-4
- EMC immunity	IEC 61000-6-2
- Electrical Shock	IEC 61140: Class III
- Low Voltage Directive	IEC 60950-1

Ordering information

com.tom GRAPHIC 4.10:	Order-No.:
with ONE nozzle	00570876
with TWO nozzles	00570878
Accessory:	
Adapter C.T.GRAPHIC ETH-01	00570869
