Technical Information

INPUT/OUTPUT DEVICES

www.gebe.net

Thermoprinters

Made for iPod iPhone iPad

For Android

GPT-437x

GeBE-FLASH® | GeBE-FLASH® for iOS

Highlights at first sight:

- handy thermal printer in robust plastic housing for 58 mm paper width
- ideal for log and receipt printout
- battery-powered with Bluetooth® interface, car charger
- printing from the app for iPhone®, iPad®, iPod® and for Android™ Smartphones
- intelligent power management saves energy in battery operation
- pictures, graphics, text and bar codes in eye-pleasing resolution of 203 dpi
- customized versions for medium quantities, e.g. operation foil or housing colour

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The GeBE-FLASH

The battery-powered thermal printer GeBE-FLASH / GeBE-FLASH for iOS (GPT-437x) is mounted in a robust and fiber-glass reinforced plastic housing. The printer is tailored for space sensitive and mobile applications.
With the right paper, the printer can be used in a temperature range of -10°C to +60°C, also outdoor.
Multiple interfaces are available. Configuration changes will be clearly performed via OnPaperDisplay menu (OPD-Menue®).

The GeBE-FLASH is compatible to HP Deskjet and HP 82240 B.

The Bluetooth® version is detectable as accessory by an Android™ Smartphone and controls the printout.

The model GeBE-FLASH for iOS is Apple-licenced and applicable for operation with iPhone®, iPad® oder iPod®.

Typical application

Protocol printing, e.g. for measuring technologies in medicine, in the field or logistics /
receipt printing, e.g. for accounting systems in gastronomy or POS

Accessories

- standard thermal paper roll (art. no. 11347)
- belt bag (plastics art. no. 12039, textile with rain protection art. no. 13281)

Drivers

The printer controller GCT-4379, GCT-4375, GCT-4376(-HPIr) and GCT-4370 will be supported by following drivers:

Windows® CE.Net 4.2, 5.0, 6.0 and Windows® XP, Vista, 7, 8, 8.1

Unix via Cups for Linux and Mac OS

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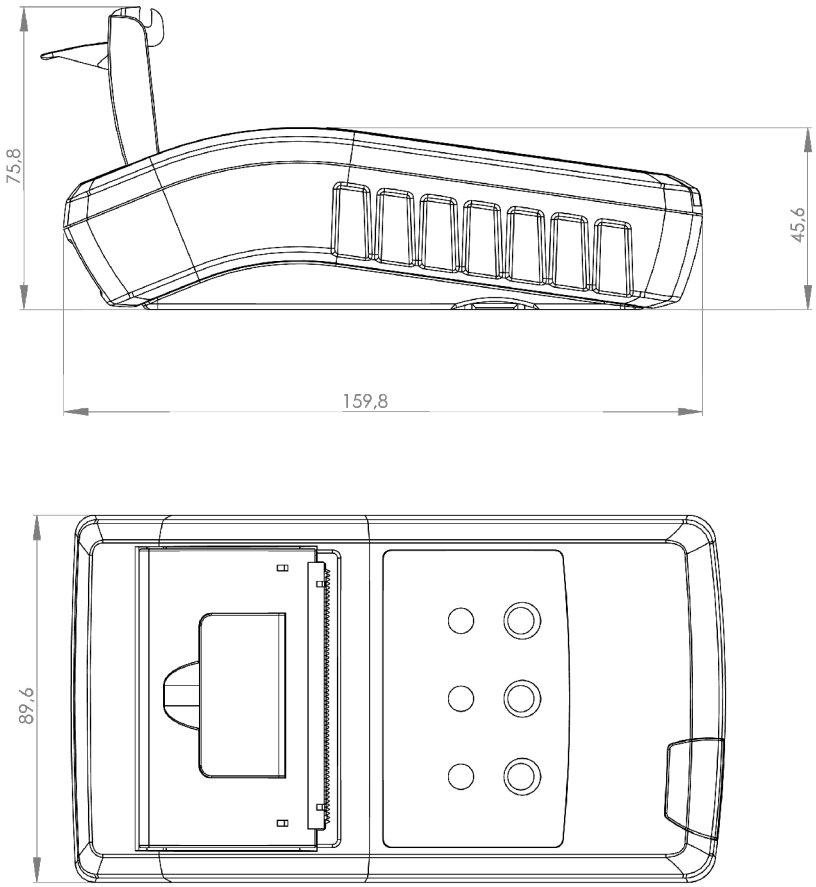
Technical drawings



Drawing 1: GeBE-FLASH and GeBE-FLASH for iOS, 58 mm paper width

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Technical data details

	GPT-4378	GPT-4378 for iOS	GPT-4379
Insert paper	Easy paper loading	Easy paper loading	Easy paper loading
Print procedure	Thermal direct print	Thermal direct print	Thermal direct print
Resolution	8 dots/mm (203dpi), 384 dots/line	8 dots/mm (203dpi), 384 dots/line	8 dots/mm (203dpi), 384 dots/line
Print speed	max. 50 mm/s	max. 50 mm/s	max. 50 mm/s
paper / print width	58 / 48 mm	58 / 48 mm	58 / 48 mm
Paper thickness	55 - 65 µm, thin labels	50 - 70 µm, thin labels	55 - 65 µm, thin labels
Supply voltage	4 x NiMH 1650 mAh incl. charger DC5 version: 4.5 – 6.6 VDC	4.5 – 6.6 V charging voltage: 9–11 V Ri = ca. 6 Ohm	4 x NiMH 1650 mAh charging voltage: 10–28 VDC
Max. current during print	Adjustable via command: 0.7 – 4.0 A	1.5 – 7 A	Adjustable via command: 0.7 - 6A
Current consumption during standby / sleep / power off	5 - 10 mA (depending on interface) typ. 25 µA / <1 µA	20 mA (depending on interface) typ. 25 µA / <1 µA	5 - 10 mA (depending on interface) typ. 25 µA / <1 µA
Available interfaces	RS232, USB, IrDA, GeBE-Ir, HP-Ir, Bluetooth®. 2.0 or LE, centronics	Bluetooth® 2.0	RS232, USB, IrDA, GeBE-Ir
Fonts	IBM II 24, 32, 42, 54 characters/line	IBM II 24, 32, 42, 54 characters/line	IBMII 24, 32, 42, 54 characters/line
Bar code	Code 39, 2of5 int., EAN13, EAN8	Code 39, 2of5 int., EAN13, EAN8	Code 39, 2of5 int., EAN13, EAN8
MTBF	50 km	50 km	50 km
Dimensions	159.6 x 89.6 x 45.6 mm	159.6 x 89.6 x 45.6 mm	159.6 x 89.6 x 45.6 mm
Weight	350 g incl. paper roll	300 g incl. paper roll	350 g incl. paper roll
Paper roll diameter	max. 31 mm	max. 31mm	max. 31mm
Housing	PA6, equal to RAL 7015	ABS	PA6, equal to RAL 7015
Environment	-10°C - +60°C with specified paper	0°C - +60°C with specified paper -10°C - +60°C on request	-10°C - +60°C with specified paper

*) Life cycle according to mechanism testing conditions of the manufacturer with specified paper only. Please inquire. The life cycle of the print head is an averaged expectable performance and no guaranteed data. Under optimum conditions, the above listed data can be achieved using specified paper according to our documentation KI-605.

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