



GPT-4344 / -4346 and GPT-4444

GeBE DIN-Control Panel-Built-In-Printer

Highlights at first sight:

- thermal built-in printer for log, receipt and label print
- simple paper handling through Easy Loading Technology
- DIN housings for assembling in rectangle norm cutouts
- available housing diameters 96 x 96 /144 x 144 mm with optional front door IP42 protected
- 96 x 192 mm housing with extensive sight platform and paper rewinder
- wide power supply range 10 – 36 V, noise filter for car operation at 12/24 VDC board supply
- customized versions for small quantities, e.g. operation foil or housing colour

Die GeBE DIN-Control Panel-Built-In-Printer

The thermal GeBE DIN-Control Panel-Built-In printers offers ideal mounting conditions with their extremely little installation depth of only 75 mm. Two clips are used to rapid fit the printer exactly into the rectangle cutout.

Using the right paper, the printer can be used in a temperature range of -10°C to +60°C, also Outdoor.

The GPT-4344 control panel printer is mounted in a DIN 43700 housing and can optionally be supplemented with a transparent front door for dust and dirt protection. This protection door is standard included in the delivery content of the printer GPT-4346. The printed values are shown on the extra long tailored sight platform.

The GPT-4444 allows a horizontal print of 832 pixel and is therefore optimum suited for documentation in industrial applications. Screenshots of control displays can be printed VGA in longitudinal direction and XVGA in landscape format.

The GPT-4344 as well as the GPT-4346 have an input power range of 10-36V (maximum ratings 8-40V) and therefore offer essential advantages:

The thermal GeBE DIN-Control Panel-Built-In printers are resistant to overvoltage up to 36 V inside a switch cabinet and can sustain short-term voltage peaks up to 60 V occurring in car board supplies.

Typical application

Protocol printing in machines, in cars

Accessories

- door for GPT-4344 (art. no. 11350) and GPT-4444 (IP42) (art. no. 10540)
- door with lock for GPT-4344 (art. no. 12646)

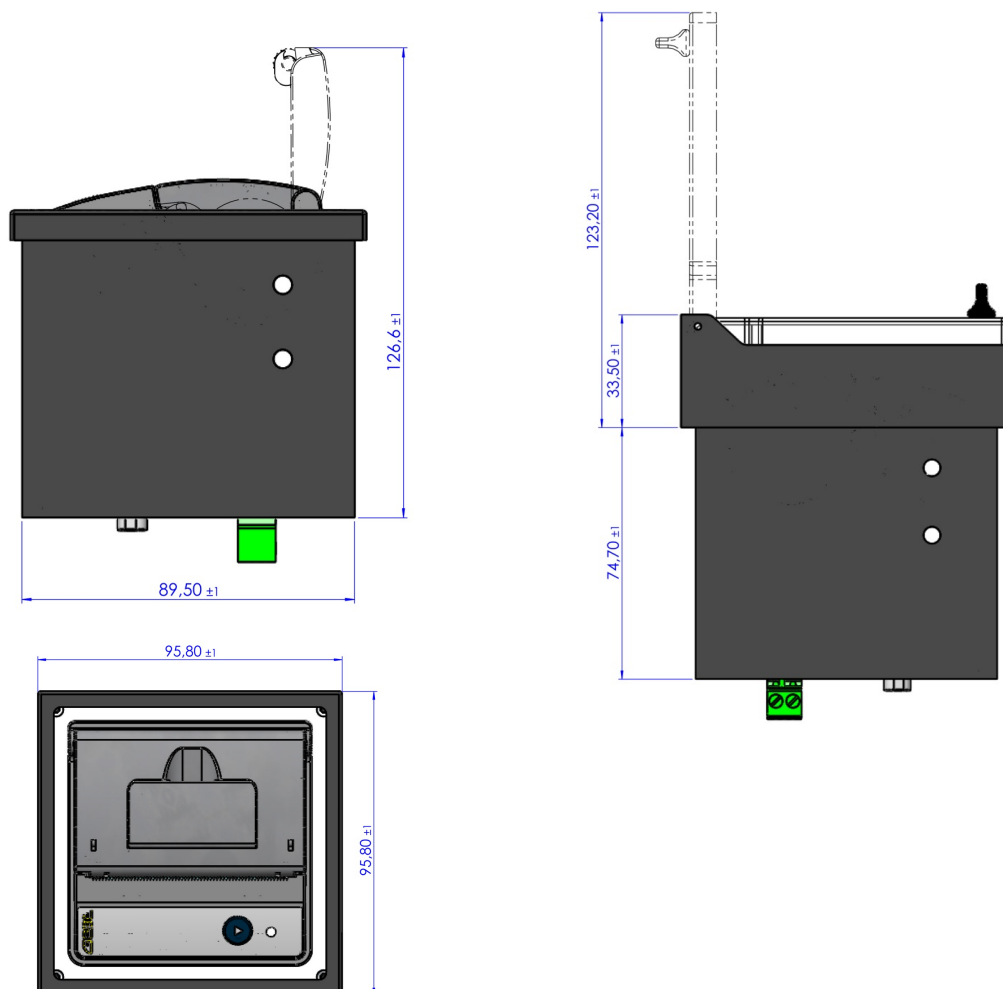
Drivers

The printer controller GCT-439x will be supported by following drivers:

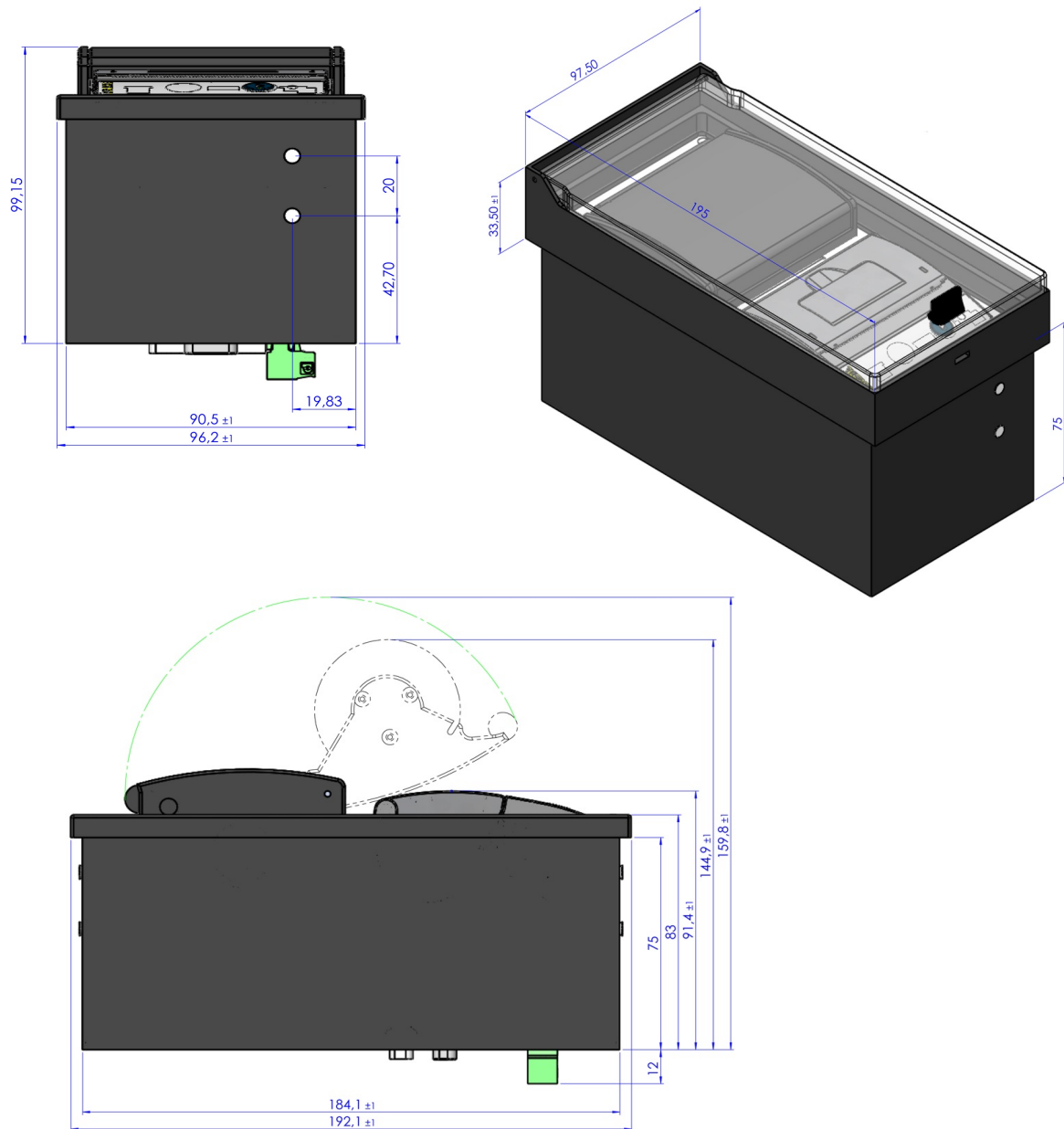
Windows® CE.Net 4.2, 5.0, 6.0, 7.0 and Windows® XP, Vista, 7, 8, 8.1

Unix via Cups for Linux and Mac OS

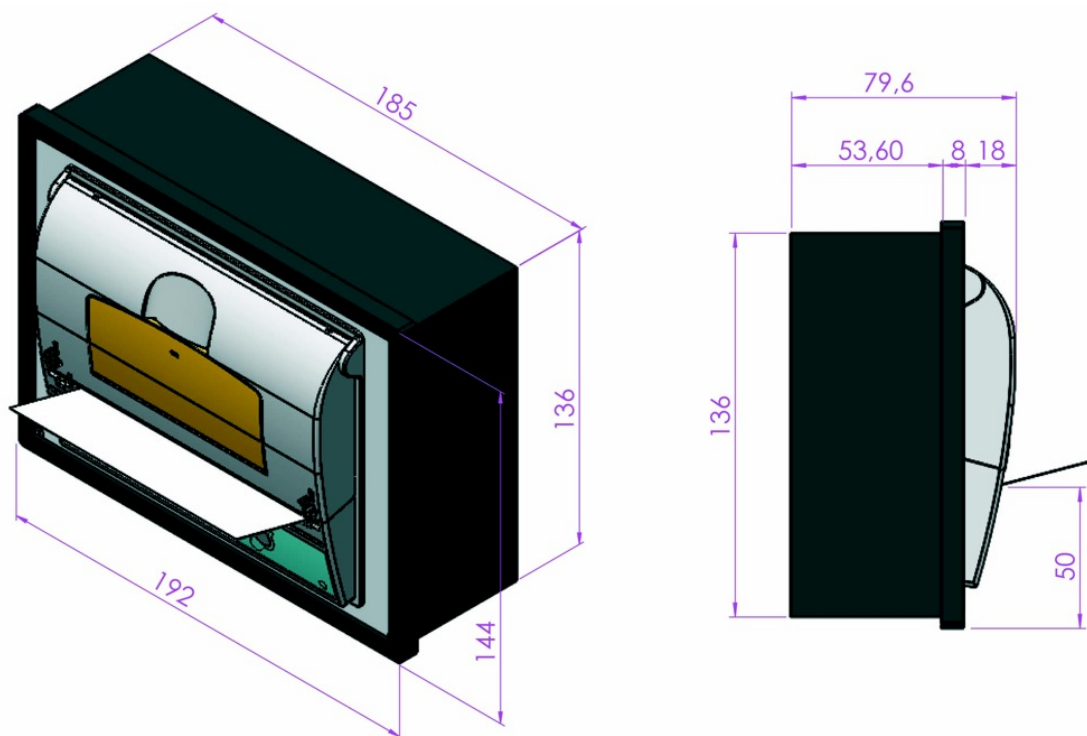
Technical drawings



Drawing 1: GPT-4344 thermal built-in printer



Drawing 2: GPT-4346 DIN thermal built-in printer



Drawing 3: GPT-4444 DIN thermal built-in printer

Technical data details

	GPT-4344	GPT-4346	GPT-4444
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), 832 dots/line
Print speed	max. 50 mm/s	max. 50 mm/s	max. 60 mm/s
Paper / print width	58 / 48 mm	58 / 48 mm	112 / 104 mm
Paper thickness	55 - 65 µm, thin labels	55 - 65 µm, thin labels	70 - 100µm, thin labels
Supply voltage	10 - 36 VDC	10 - 36 VDC	10 - 18 VDC or 18 - 36 VDC
Max. current during print	Adjustable via command: 0.7 - 6.0 A	Adjustable via command: 0.7 - 6.0 A	Adjustable via command: 0.7 - 6.0 A
Current consumption during standby / sleep	5 - 10 mA / 0.1 - 2 mA (depending on interface)	5 - 10 mA / 0.1 - 2 mA (depending on interface)	5 - 10 mA / 0.1 - 2 mA (depending on interface)
Available interfaces	RS232, USB	RS232, USB	RS232, USB optional: Centronics, Ethernet
Fonts	IBM II 24, 32, 42, 54 characters/line	IBM II 24, 32, 42, 54 characters/line	IBM II 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	96 x 96 x 107 mm	194x 98 x 107 mm	144 x 192 x 85 mm with door
Weight	ca. 260 g incl. paper roll	ca. 530 g incl. paper roll	ca. 500 g incl. paper roll
Paper roll diameter	max. 31 mm	max. 31 mm	max. 60 mm
Housing	plastics / aluminium	plastics / aluminium	plastics / aluminium
Environment	-10°C - +60°C with specified paper	-10°C - +60°C with specified paper	-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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