



GeBE-MULDE Medi

GPT-4553

TECHNICAL INFORMATION

Highlights at first sight:

- extremely compact front panel thermal printer for paper width of 80 mm
- suitable for paper roll diameter 60 mm
- ideal for protocol, receipt and label printing
- easy paper handling through Easy Loading Technology
- customized versions for medium quantities, e.g. operation foil

The GeBE-MULDE Medi

The front panel thermal printer GeBE-MULDE Medi (GPT-4553) adapts to diverse preconditions and integration situations.

A simple cut-out suffices for the implementation. Especially the printer's compact and light design qualifies for stationary or mobile operation. Optional the printer is available with DC/DC converter for a wide power supply range of 10 to 36 VDC.

The paper roll of ø 60 mm paper roll stores approximately 43 m length.

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

Typical application

Protocol printing in machines / for measurement technical targets or documentation / receipt printing, e.g. at POS or in accounting systems at hotel receptions.

Accessory details

Article number	Article designation	Article description
Cable		
10251	GKA-245-1-2-AEH/x-500-S	Power supply 1,00 qmm, length 500 mm with wire end sleeve
11353	GKA-410-1-7-SHR/X-250-S	Power supply 7-pin for 5 VDC connection, length 250 mm
11352	GKA-406-2-5-SHR/SubD9-1000-D	Round cable RS232 JST 5-pin to sub-D 9, length 1000 mm
11387	GKA-414-1-5-SHR/x-500-D	Cable JST 5-pin, one side open, length 500 mm
12872	GKA-570-2-5-MLX/USBA-2000-D	Cable USB type A to Molex, length 2000 mm
Power supply		
13696	GNG-0-5V-5A-AC-SK/AEH-Set	Power supply 5V 5A with Schuko plug and power supply cable
13695	GNG-0-24V-3A-AC-SK/AEH-Set	Power supply 24V 3A with Schuko plug and power supply cable
Paper		
13718	GPR-080-060-012-060-07-AN1k	7 years paper, roll ø 60 mm, width: 80 mm, paper thickness: 60 µm, outside coated
13916	GPR-080-060-025-080-07-AN1k-WR	7 years paper, roll ø 60 mm, width: 80 mm, paper thickness: 80 µm, outside coated
Customising		
13817	GPT-4553-Foil Tooling	Tooling foil for GPT-4553, standardized up to 6 colors (one-time)
13816	GPT-4553-Foil-Sxxx	Customized foil
13818	GPT-4553-special color	Housing in special color RAL

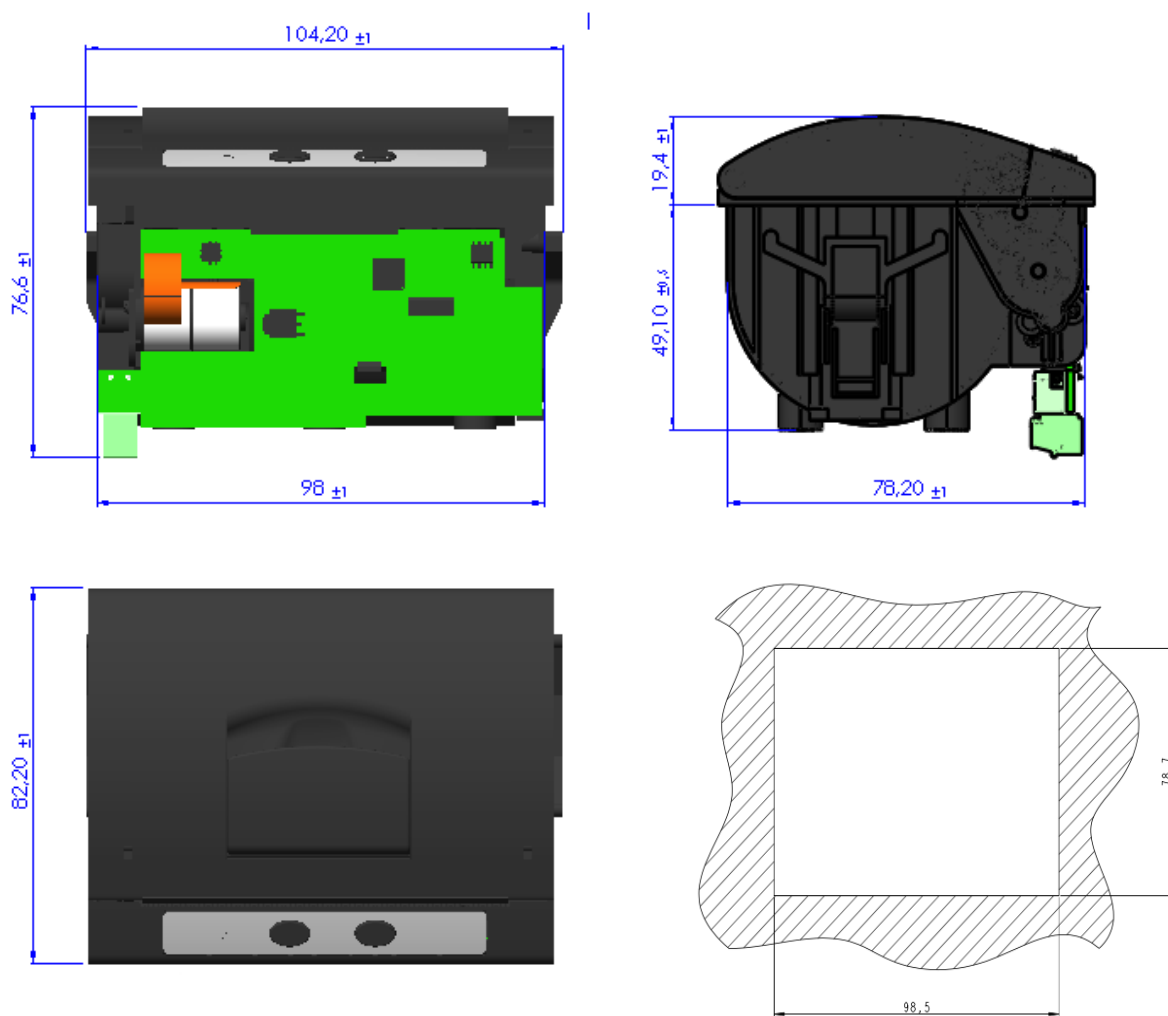
Drivers

The printer controller GCT-4592 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: GeBE-MULDE Medi for 80 mm paper width

Remark.: The standard green 24VDC Power connector exceeds the outer dimensions of the printer.

Optional the Printer is available with a smaller JST connector.

Technical data details

	GPT-4553	GPT-4553-DC24
Insert paper	Easy Paper Loading	
Print procedure	thermal direct print	
Resolution	8 dots/mm (203dpi), 572 dots/line	
Print speed	max. 60 mm/s	max. 70 mm/s
paper / print width	80 / 72 mm	
Paper thickness	50 - 80 µm / approx. 43 m	
Supply voltage	4.5 – 8.5 VDC	4.5 – 8.5 VDC and 10 – 36 VDC
Max. current during print	adjustable maximum approx. 0.7 - 6 A (impulse)	
Current consumption during standby	approx. 60 mA standby	
Available interfaces	RS232, USB	
Fonts	IBMII 24, 32, 42, 54 characters/line, upgradeable	
Bar code	EAN8 / EAN13 / Code39 / 2of5 int., optional: Code 128c, PDF417	
MTBF*)	approx. 50 km	
Dimensions	102 x 83 x 70 mm	
Weight	approx. 350 g incl. paper roll	
Paper roll diameter	max. 60 mm	
Housing	PC / ABS	
Environment	-5° C - +50° C with specified paper	
Humidity	20 – 85 % rel. humidity, without condensation	
Storage condition	-20° C - +70° C 20 – 85 % rel. humidity, without condensation	

*) 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 TI-606.
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