MP350
Unitech 3" Thermal Printer

Lightweight, Compact and Reliable Printing

Without breaking a sweat, Unitech's most versatile mobile printer can produce receipts and labels on 3-inch thermal direct paper. The MP350 outperforms its price with some of the most lightweight, compact and durable mobile printing on the market.

Comfortable, Accessible Mobility

Its belt-loop system fits so comfortably to the side of the hip it feels like "wearing nothing at all." The accessibility of printing labels on the go has never been easier than wirelessly linking the MP350 with any Unitech mobile computer through Bluetooth or IrDA. Together both devices offer a complete mobile printing solution.

Affordable Performance

An optional three-track magnetic stripe reader is ideal for credit card transactions, or scanning ID cards. This feature is a great addition for field service, hospitality, route accounting, transportation or public safety ticketing. Regardless of application, the MP350 seamlessly integrates into any enterprise with the ability to deliver custom bar codes, logos and graphic elements.

Main Features:

- 3" direct thermal label and receipt printer
- Flashed based integrated CPU
- Custom print bar codes, logos and graphic elements
- Attaches with a belt loop system
- Communication: RS232, IrDA and Bluetooth
- 4-foot drop threshold
- Optional three-track magnetic stripe reader
- 1-year warranty (including the print-head)
- Drop-in easy to load paper
- LED print indicator

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In the Box:

| MP350 | AC Adapter | Belt Clip | Paper Roll |

Print Mechanism

Printing method	Direct thermal
Print resolution	203dpi/8 dots mm
Printing width	2.83''
Dots per line	576
Paper feed pitch	0.125mm
Printing speed	Up to 3.35'' per second
Operating voltage	7.5V
Number of heat elements	1 heater/dot, 170 ohms/dot

Operating Characteristics

Memory	64KB SRAM/256KB + 16KB Flash ROM
Character set	ASCII International, PC Line Draw
Additional character sets	Simplified/Traditional Chinese, Hebrew, Arabic, Polish, Korean, Vietnamese, Turkish
Optional character sets	Downloadable fixed-width fonts
Graphic print	Supports 8-bit graphic printing, page printing custom fonts, logo downloading
Bar code symbologies	Codes 39, Code128, UCC/EAN-128, Interleaved 2 of 5, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Codabar, PDF417
Characters per line	36, 48, 57, 60, 64, 72, 96 (S/W command)
Print contrast	Auto and user selectable
Special print character attributes	Double high, double wide, bold print, underline print, line spacing, reverse print

Communication

Standard interface	RS232 and IrDA
Optional interface	Bluetooth V2.0
Baud rate	2400 – 115.2K
Security	Passkey (Bluetooth)

Field Environment

Operating temperature	14°F – 122°F (-10°C – 50°C)
Storage temperature	-4°F – 140°F (-20°C – 60°C)
Charging temperature	32°F – 122°F (0°C – 5°C)
Drop Threshold	4'
Humidity	10% – 90% RH (non-condensing)

Paper Specifications

Media type	Thermal direct receipt paper; Thermal direct labels
Receipt paper width	3.125''
Label sizes	2'' x 2'', 2'' x 4'', 3'' x 2'', 3'' x 4''
Paper thickness	2.2 – 3.5 mils
Roll diameter	Core: 0.4'', Outside: 2.2''
Lines of print/roll	4400 (1.375'' diameter roll, approx. 43' long)
Number of labels/roll	235 (2'' x 2'', 3'' x 2''); 140 (2'' x 4'', 3'' x 4'')
Paper rolls per charge	8
Lines per charge	35,000 (4'' receipt followed by 60-second delay)

Battery and Power

Main battery	7.4V Li-Ion 2200mAh rechargeable battery pack
Battery life cycle	80 percent of original capacity after 300 cycles
Battery life	6-hours – 8-hours (configuration dependant)
Battery recharge	180-minutes (via charging cable or docking station)
DC power pack	100V – 240V AC input, 10V/1.4 A DC
In-Vehicle charger	12V/24V, cigarette lighter adapter

User Interface

Status indicators	4 LEDs – Power/Comm., Battery Status/Charging, MSR, Error
User switches	2 switches – Power On/Off, Feed
Connection & Expansion	RJ type (6 pin); Magnetic card reader (optional)

External Characteristics

Dimensions	3.5''H x 4.75''W x 6.5''D
Weight	1.8 pounds (with battery and paper supply)

Regulatory Approvals

FCC	Part 15 Subpart B, Class B
CE	EN60950; EN55022 Class B; EN61000-3-2; EN61000-3-3; EN50024

Warranty

Standard	1-year
Available	5-year

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