

## Epson TM-T82II-i Intelligent Printer



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### Thermal Receipt Printers

### Epson's Intelligent POS Printing Solution

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### Overview

#### TM-T82II-i Intelligent POS Printer

The Epson TM-T82II-i provides users with a straightforward and elegant printing solution, with no need for drivers. Ideal for use with tablet PCs or mobile phones, the TM-T82II-i is simple to use and maintain, with the ability to print from any device running an HTML 5 compatible web browser. In addition, the TM-T82II-i has greyscale printing for the addition of logos and images to receipts.

#### KEY FEATURES

- ⋮ Supports printing from virtually any mobile / tablet device
- ⋮ Print via browsers : Print directly from HTML 5 browsers
- ⋮ No drivers needed : No drivers to install or update
- ⋮ Enables Cloud services without the need for legacy POS integration
- ⋮ Multi peripheral connectivity with up to 2 USB ports and 1 serial port
- ⋮ Controls peripherals from any mobile / tablet device
- ⋮ XML compatible : responds to web application commands
- ⋮ Fast print speed up to 200mm/sec and features print options to reduce paper usage
- ⋮ Industry-leading two-year warranty

#### Integrated Intelligence and performance

Epson's TM-T82II-i combines our best-selling TM-T82II receipt printer with an intelligent interface that includes a built-in web server to enable mobile POS deployments, tablet-based POS systems, cloud-based services and control of peripherals. And it provides the application power and flexibility to run a broad range of POS configurations.

#### Flexible, web-based mobile printing

The TM-T82II-i features Epson's advanced ePOS technology that enables browser-based printing from virtually any mobile device, with no drivers to install. ePOS technology provides seamless communication between the receipt printer and iOS and Android mobile devices anywhere in the store. For more information on Epson's ePOS technology please read the [Epson ePOS technology brief](#).

#### Easy peripheral connectivity and control

The TM-T82II-i features Epson's ePOS-Device technology, which allows retailers to easily add peripherals to virtually any POS system. This feature is particularly advantageous with mobile and tablet-based POS. The TM-T82II-i comes with two USB ports and one serial port to provide reliable connectivity for up to three devices including handheld scanners, scales, 2x20 customer displays, wedge MSRs and more. And mobile devices can communicate with any peripheral connected to the TM-T82II-i.

#### Get the benefits of cloud services

With the TM-T82II-i, retailers can quickly add powerful cloud services such as data analytics, loyalty programs and smart receipts regardless of their current POS system. Transactional data is sent from the printer to the cloud, where it is parsed and utilized to extract valuable real-time data.

#### Reliable receipt printing

Epson's industry-leading TM-T82II-I POS printer offers best-in-class reliability, paper-saving features that reduce paper usage by up to 30% and best-in-class energy efficiency.

#### Backed by the Leader

The TM-T88V-i is backed by Epson's industry leading service and support programs and comes with a two year warranty.

### Specification

#### Thermal Receipt Printers

##### ALL THE FEATURES YOU NEED

- ⋮ Printer with intelligent interface and built-in web server

- ⌘ Supports printing from virtually any mobile device
- ⌘ Enables cloud services without need for legacy POS integration
- ⌘ Offers 2 USB ports and 1 serial port to connect up to 3 peripherals
- ⌘ Controls peripherals from any mobile device
- ⌘ Fast print speeds up to 200mm/sec

## PRINTER

MODEL NAME	TM-T82II-i
PRINT METHOD	Thermal line printing
PRINT FONT	9 x 17 / 12 x 24 / 24 x 24
COLUMN CAPACITY	48 / 64
CHARACTER SIZE (mm)	0.88 (W) x 2.13 (H) / 1.25 (W) x 3 (H)
CHARACTER SET	95 Alphanumeric, 18set International, 128 x 43 Graphic
DOT DENSITY	203 x 203 dpi
DATA BUFFER	4K bytes / 45 bytes
PRINT SPEED	Max. 200mm/sec
PAPER DIMENSIONS (mm)	Roll paper: 79.5 ± 0.5 (W) × dia. 83.0 / 57.5 ± 0.5 (W) × dia. 83.0
PAPER THICKNESS (mm)	0.06 to 0.07

## RELIABILITY

MTBF	360,000 hours (Printer) / 180,000 (Intelligent Interface)
MCBF	60,000,000 lines
AUTO CUTTER LIFE	1.5 million cuts (when using OJI Paper PD150R or PD160R)

## GENERAL INFORMATION

PROCESSOR	ARM9 Processor (400Mhz)
SYSTEM MEMORY	256MB
OS	Embedded Linux
SOFTWARE	WebPOS Configuration, ePOS-Device, Server Direct Print
INTERFACE	Ethernet Interface (100 Base-TX / 10 Base-T), USB 2.0 Type A (x2), USB 2.0 Type B, Serial x 1 (D-Sub 9 Pin)
WEB SERVICE	ePOS-Print Service
WEB SERVER	Apache HTTP Server
UTILITY	Epson TMNet WebConfig – Register devices to be controlled using ePOS-Device – Register settings for Web contents – Setting for the server direct print and status notifications – Network settings – Various management functions
CONTROL OF OTHER EPSON PRINTERS	Supported printers (Ethernet/Wireless) : TM-T88V-i, TM-T70-I, TM-T20II-I, TM-T82II-I, TM-U220-I, TM-T88V, TM-T88IV, TM-T70, TM-T70II, TM-T90, TM-L90, TM-T20, TM-T20II, TM-T82II, TM-U220, TM-P80, TM-P60II, TM-P20.
SUPPORTED DEVICES	POS printer, Cash drawer (Drawer supported by the TM-T88V), Customer display (DM-D110 USB), Standard HID devices (Barcode Scanner, Keyboard), Serial device
SAFETY STANDARDS	EEMI AS / NZS CISPR22 class A
POWER	24V / 1.5A
POWER SUPPLY	Dedicated AC-DC supply - In: AC100-240V / Out: DC24V (for TM)
D.K.D FUNCTION	2 drivers
OVERALL DIMENSIONS	140mm (W) x 199mm (D) x 146mm (H)
WEIGHT	1.7 kg
COLOUR	Epson Dark Grey
WARRANTY	2 year RTB warranty
OPTIONS	Customer Display (DM-D110) USB i/f Wireless LAN: OT-WL01 (802.11 b/g/n)



Epson OT-WL01 (732):  
Wireless LAN set for Epson TM-i

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#### **Usage Conditions**

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability.

#### **Consumables**

There are no consumables for this product.