

# Epson TM-U220

## POS Printer Series



Epson's mPOS-friendly TM-U220 impact receipt and kitchen printers are compact, fast and reliable. Ideal for kitchen or counter, they can print directly from iOS, Android and Windows devices.

#### A model for every need

With Epson's TM-U220 series, you can select the model that best meets your needs. The TM-U220A and TM-U220B receipt and order printers come with an autocutter offering either a full or partial cut. In addition the TM-U220A includes a take-up journal device and the TM-U220B and the TM-U220D have a wall-mount option that prints the receipt right-side-up for easy reading right out of the printer.

#### Additional features and benefits

All three TM-U220 printers feature fast print speeds of up to 6.0 lps. In addition they offer drop-in paper loading and two-color, black and red printing to highlight special offers and impactful logos. They also have an adjustable paper width feature that allows you to use 58, 70 or 76mm paper rolls for more flexibility and greater cost savings.

#### Multi-platform printing made easy

Epson's TM-U220 is designed to work right out of the box with mobile POS applications. With Epson's unique ePOS-Print technology, the TM-U220 can print directly from any devices running an iOS, Android or Windows operating system with a WiFi connection, using a HTML5 browser or native application.

#### Compatible and ready to go

The TM-U220 printer is compatible with all of today's best-of-breed POS systems and the latest industry-standard wireless security protocols. The printer supports 802.11a/b/g/n with 2.4GHz/5GHz. It also offers Serial, Ethernet and USB options, enabling flexible mobile and web-based receipt printing.

#### Reliability you can count on

The TM-U220 printers all feature the quality, reliability and advanced printing technology that Epson is known for and are backed by Epson's industry-leading service and support programs.

- mPOS-friendly printer compatible with iOS, Android and Windows mobile devices
- DHCP enabled model available for easy IP/network configuration
- Supports 802.11a/b/g/n with 2.4GHz/5GHz compatibility
- Fast print speeds of up to 6.0 lps
- Two-color printing for highlighting offers or order exceptions
- Right-side-up printing for kitchen orders
- Accommodates paper widths of 58, 70 or 76mm

# Compact POS Impact Receipt and Kitchen Printers

## All the features you need

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## Printer

|                     |   |
|---------------------|---|
| Print method        | 9-pin, serial impact dot matrix   |
| Print speed         | 4.7 lps (at 40 columns, 16 cpi), 6.0 lps (at 30 columns, 16 cpi)  |
| Print fonts         |   |
| Fonts               | 7 x 9 / 9 x 9   |
| Column capacity     | 42/42 or 33/35 columns  |
| Character size      | 1.2 x 3.1 / 1.6 x 3.1 (W x H mm)  |
| Character set       | 95 Alphanumeric, 37 International, 128 x 123 Graphic Traditional/Simplified Chinese, Thai, Japanese, Korean |
| Characters per inch | 17.8/16 or 14.5/13.3 cpi  |
| Paper dimensions    | 57.5 ± 0.5 (W) x 83mm diameter<br>69.5 ± 0.5 (W) x 83mm diameter<br>76 ± 0.5 (W) x 83mm diameter            |
| Paper thickness     | 0.06 to 0.085   |
| Copy capability     | One original and one copy   |
| Inked ribbon        | ERC-38 (black, black/red)   |
| Ribbon life         | Black: 3,000,000 characters<br>B/R: 1,500,000 characters (black),<br>750,000 characters (red)               |
| Reliability         |   |
| MTBF                | 180,000 hours   |
| MCBF                | 18,000,000 lines  |

## General information

|                                    |  |
|------------------------------------|--|
| Interfaces                         | Serial RS-232C, parallel IEEE-1284, RS-485, USB, Ethernet 10/100Base-T/TX, 802.11b/g/n (2.4GHz) and 802.11a/n (5GHz)   |
| Supported mobile operating systems | WiFi (802.11): iOS, Android and Windows  |
| Data buffer                        | 40 bytes or 4KB  |
| Power                              | 24 VDC ± 7%  |
| D.K.D. function                    | 2 drivers  |
| Overall dimensions                 | Type A: 6.29 x 11.26 x 6.20" (160 x 286 x 157.5mm)<br>Type B: 6.29 x 9.76 x 5.45" (160 x 248 x 138.5mm)<br>Type D: 6.29 x 9.76 x 5.45" (160 x 248 x 138.5mm)<br>(W x D x H)  |
| Weight                             | Type A: 2.7 kg (5.9 lbs)<br>Type B: 2.5 kg (5.5 lbs)<br>Type D: 2.3 kg (5.0 lbs)   |
| Color                              | Epson Dark Gray (EDG), Epson Cool White (ECW)  |
| Factory options                    | Near-end sensor, power supply cover, wall-hanging bracket WH-10, Exclusive Adaptor C (included)  |
| OS support                         | Microsoft Windows 8 (32bit/64bit) • Windows 7 SP1 (32bit/64bit) • Windows Vista SP2 (32bit/64bit) English version • Windows XP Professional SP3 (32bit) English version • Windows Server 2012 (64bit) • Windows Server 2008 R2 • Windows Server 2008 SP2 (32bit/64bit) • Windows Embedded 7 (32bit/64bit) • Windows Embedded POSReady 7 • Windows Embedded POSReady 2009 |
| EMI standards                      | VCCI class A, FCC class A, CE marking, AS/NZS 3548 class B   |
| Safety standards                   | UL, CSA, TÜV (EN60950)   |
| Environmental standards            | WEEE, RoHS compliant, ENERGY STAR qualified  |
| Warranty                           | Two-year limited warranty  |

## What's in the box

- TM-U220 printer
- User manual
- Ribbon cassette
- Power switch cover
- Paper roll
- Adaptor C with AC cord



## Ordering information

| Product                                       | Color | Model Number |
|---|-------|--------------|
| U220B w/Serial                                | EDG   | C31C514653   |
| U220B w/Ethernet                              | EDG   | C31C514667   |
| U220B w/Ethernet (DHCP Enabled/mPOS-friendly) | EDG   | C31C514A8041 |
| U220B w/USB                                   | EDG   | C31C514A8711 |



07/2014  
CPD-41758



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