



## RP-F10 POS PRINTER SERIES 4,3" COLOR TFT DISPLAY



THE CULTURE OF PRECISION

# FEATURES RP-F10 SERIES

## 2-WAY

PAPER TOP-EXIT AND FRONT-EXIT (IPx1) ARE AVAILABLE IN ONE MODEL

## COMMUNICATIVE

USB, USB Type-C, LAN OR BT INTERFACE, EASY BLUETOOTH PAIRING VIA NFC ANDROID PRINT SERVICE APP

## VERY COMPACT

127mm CUBIC SHAPE FOR EVEN MORE FLEXIBILITY AT THE POINT-OF-SALE



## FAST

250mm/s MAX PRINTING SPEED

## INNOVATIVE

4.3 INCH COLOR TFT DISPLAY



# FEATURES DSP-A01



## COLOR LCD

4.3 INCH COLOR TFT DISPLAY CAN BE MOUNTED DIRECTLY TO THE PRINTER, STANDS ALONE OR CAN EVEN BE WALL-MOUNTED

## SLIDE SHOW

FOR EASY CUSTOMER COMMUNICATION



## PRINTER STATUS INDICATOR

SHOWS ERRORS AND RECOVERY METHODS

## VARIOUS MESSAGES

CHARACTERS, BARCODES AND IMAGES CAN BE DISPLAYED

# SPECIFICATIONS

| Model                      |                                         | RP-F10                                                                                                                                                                                       |
|----------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing                   | Method                                  | Thermal line dot printing                                                                                                                                                                    |
|                            | Resolution (dots/mm)                    | 203 (8dots/mm)                                                                                                                                                                               |
|                            | Paper width (mm)                        | 58 <sup>+0</sup> <sub>-1</sub> / 80 <sup>+0</sup> <sub>-1</sub>                                                                                                                              |
|                            | Printing width (mm)                     | 54 / 72                                                                                                                                                                                      |
|                            | Speed (mm/sec) max                      | 250                                                                                                                                                                                          |
|                            | Outside diameter of paper roll (mm) max | ø 83                                                                                                                                                                                         |
|                            | Character matrix (HxW dots)             | 24 × 12, 24 × 24, 16 × 8, 16 × 16                                                                                                                                                            |
|                            | Character size (HxW mm)                 | 3.0 × 1.5, 3.0 × 3.0, 2.0 × 1.0, 2.0 × 2.0                                                                                                                                                   |
| Type of Paper              |                                         | Roll paper                                                                                                                                                                                   |
| Character type             |                                         | Code page (14 pages), International character, Optional font, Downloaded character, JIS 1&2 Level Kanji, Special character, User-defined character                                           |
| Bar code                   |                                         | UPC-A/E, JAN (EAN) 8/13, ITF, CODABAR, Code39, Code93, Code128, QR, PDF417, GS1 Databar                                                                                                      |
| Power supply (V)           |                                         | Specified AC adapter, External power (DC24±10%)                                                                                                                                              |
| Communication interface    |                                         | USB+USB-host, Ethernet+USB-host, Bluetooth (NFC)+USB-host, Powered USB, Bluetooth (NFC)+USB Type-C                                                                                           |
| Input buffer               |                                         | 4k bytes                                                                                                                                                                                     |
| Command                    |                                         | ESC/POS™ conformity                                                                                                                                                                          |
| Cutting                    | Methods                                 | Slide type                                                                                                                                                                                   |
|                            | Cutting type                            | Full cut, Partial cut (Leave center point)                                                                                                                                                   |
| Operating temperature (°C) |                                         | 5 to 45                                                                                                                                                                                      |
| Service life (km)          | Abrasion resistance (km)                | 150 <sup>*1</sup>                                                                                                                                                                            |
|                            | Paper cutting (cut)                     | 1,500,000 <sup>*1</sup>                                                                                                                                                                      |
| Dimensions (WxDxH mm)      |                                         | 127.0 × 127.0 × 127.0 <sup>*2</sup>                                                                                                                                                          |
| Mass (g)                   |                                         | Approx. 840                                                                                                                                                                                  |
| Standard                   |                                         | FCC, CE, VCCI                                                                                                                                                                                |
| Option                     |                                         | Wall mounting Kit, Buzzer, LCD (4.3 inch color)                                                                                                                                              |
| Cash drawer                |                                         | 2 drivers (24V / 1A)                                                                                                                                                                         |
| Body color                 |                                         | 2 colors: White / Black                                                                                                                                                                      |
| Software/Printer driver    |                                         | Windows®: Printer Driver, Virtual COM Driver, OPOS Driver, POS for Net Driver/SDK/Utility, Linux®: CUPS Filter (Driver)/Communication Library (SDK), Android™: SDK/Utility, iOS: SDK/Utility |

\*1 Use recommended thermal papers. \*2 Excluding protrusion. ESC/POS™: Registered trademark of SEIKO EPSON CORP. Windows® is the registered trademark of Microsoft Corporation(USA). Android™ is a trademark of Google Inc.

| Model                      |                                | DSP-A01                                                                                                                                            |
|----------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| LCD                        | Panel Size                     | 4.3 inch                                                                                                                                           |
|                            | Method                         | TFT LCD                                                                                                                                            |
|                            | Color                          | 16 Bit Color                                                                                                                                       |
|                            | Number of Pixels (pixel)       | 480 (W) x 272 (H)                                                                                                                                  |
|                            | Active Area (mm)               | 95.04 (W) x 53.856 (H)                                                                                                                             |
|                            | Pixel Pitch (mm)               | 0.198 (W) x 0.198 (H)                                                                                                                              |
|                            | Luminance (cd/m²)              | 300                                                                                                                                                |
| Contents                   |                                | Character, Barcode, Image                                                                                                                          |
| LCD                        | Character matrix (H × W pixel) | 24 × 12, 24 × 24, 16 × 8, 16 × 16                                                                                                                  |
|                            | Character size (H × W mm)      | 4.752 × 2.376, 4.752 × 4.752, 3.168 × 1.584, 3.168 × 3.168                                                                                         |
|                            | Number of characters           | ANK : 320 characters (40 characters x 8 lines), Kanji : 160 characters (20 characters x 8 lines)                                                   |
|                            | Character type                 | Code page (18 Page), International character, Optional font (max. 255 x 255 pixel), JIS 1&2 Level Kanji, Special character, User-defined character |
|                            | Character decoration           | Vertical double (x2, x4), Horizontal double (x2, x4), Bold, Underlin                                                                               |
| Barcode                    | 1D                             | UPC-A/E, JAN (EAN) 8/13, ITF, CODABAR, Code39, Code128                                                                                             |
|                            | 2D                             | QR code (Version 1 - 22, Cell size 1 - 16 pixel)                                                                                                   |
| Image                      |                                | JPEG, PNG                                                                                                                                          |
| Power supply               |                                | DC 4.75 V - 5.25 V (Activated with USB bus power)                                                                                                  |
| Communication interface    |                                | USB 2.0 Full speed, micro B connector                                                                                                              |
| Operating Temperature (°C) |                                | 5 - 45                                                                                                                                             |
| Service life               |                                | 30,000 hours                                                                                                                                       |
| Dimensions (W x D x H mm)  |                                | TBD                                                                                                                                                |
| Mass (g)                   |                                | TBD                                                                                                                                                |
| Standard                   |                                | FCC, CE, VCCI                                                                                                                                      |
| Display tilt angle         |                                | 0 - 150°                                                                                                                                           |
| Installation method        |                                | Built-in printer (RP-F10), Stand-alone, Fixing screw (wall mount)                                                                                  |
| Software                   |                                | Windows®: OPOS Driver, POS for .Net Driver/SDK/Utility, Android™: iOS SDK/Utility                                                                  |

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