Fujitsu Thermal Printer, FP-510Ⅱ, a Multi-functional printer, delivering further improved high throughput and extensive print function for POS, Ticket, KIOSK and Label printing.

- **High speed printing – further reduction in waiting time.**
  - Clear and high speed printing with 300mm/sec
  - Higher throughput ability, less waiting time
  - The original optimum design of Driver and Firmware achieves fast printout of the first page.

- **Multi Interface available – Expands your usage**
  - Flexible Multi-Interface selectable
    - USB / RS232C (25pin) / Powered USB / LAN / Bluetooth
  - Android™ SDK and iOS SDK Available

<table>
<thead>
<tr>
<th>Available interface of Android™ SDK</th>
<th>USB</th>
<th>LAN</th>
<th>Bluetooth</th>
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<tr>
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<tr>
<th>Available interface of iOS SDK</th>
<th>USB</th>
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- **16 Gray Scale function – produces vibrant images**
  - 16 Gray scale function outputs vibrant and clear images even with monochrome printing.
  - High resolution image printing capability supports your branding strategy to print product images on coupons and receipt advertisement (available with OPPOS and Windows driver).

- **Reduce printing – lower operation cost**
  - Reduced print function of Windows Driver and Top Margin reduction function lowers paper usage. Operating cost and environmental impact can be reduced.

- **High reliability mechanism-long and stable operation**
  - Head life 150km
  - Cutter life 2 million cuts (Receipt paper)
  - MCBF 70 million lines

shaping tomorrow with you
**FUJITSU FP-510 II Specifications**

- **Pinning Technology**: Direct Line Thermal Method
- **Print Resolution**: 8 dots/mm (0.35mm/mm) 203dpi
- **Printing Speed**: Monochrome: Maximum 300mm/69ips
  - Two color: Maximum 115mm/30ips
- **Paper Feed-Out Direction**: Front: feed out
- **Cutter Method**: Full cut cutter, Programmable Partial cut and Full cut cutter (Factory option)
- **Auto Cutter Position**: 12mm (Standard) or Programmable 4.5mm of 1.5mm distance between cutter and top of form

<table>
<thead>
<tr>
<th>Paper</th>
<th>Width</th>
<th>Thickness</th>
<th>Paper width</th>
<th>Paper thickness</th>
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<tbody>
<tr>
<td>83mm</td>
<td>83mm, 85mm, 68mm, 58mm</td>
<td>100µm</td>
<td>83mm</td>
<td>83-90µm (58-68µm)</td>
</tr>
<tr>
<td>69mm</td>
<td>83mm, 58mm, 48mm</td>
<td>75µm</td>
<td>69mm</td>
<td>75-150µm</td>
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<tr>
<td>69mm</td>
<td>48mm</td>
<td>75µm</td>
<td>58mm</td>
<td>75-150µm</td>
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<tr>
<td>58mm</td>
<td>48mm, 18x40s or 52.5mm</td>
<td>42,44,46</td>
<td>48mm</td>
<td>42,44,46</td>
</tr>
</tbody>
</table>

**Dimensions**

- **Width**: 145mm
- **Depth**: 128mm
- **Height**: 207mm

**Features**

- **High speed printing max 300mm/s, One touch cover open, Drop-in method of paper roll loading.**
- **16 gray scales function**
- **Reduced printing to save paper**
- **180dpi emulation size font** (Extended font)
- **Various paper width support max. Ø102mm, 83mm**
- **Standard Buzzer**
- **PDF417, DataMatrix, barcodes**
- **High reliability**
  - MCBF: 70 million lines
  - Head life: 150km
  - Cutter life: 2 million cuts
- **Front paper ejection**
- **Splash-proof IEC 60529 IPX2**
- **RoHS and FUJITSU Super Green product**

**Board Face**

- 12x24 (32 or 35)
- 11x22 (36)
- 10x24 (42)
- 9x17 (42)
- 9x17 (56 or 64)
- 9x22 (51 or 57)
- 8x13 (42 or 46)
- 8x16 (48 or 52)
- 8x24 (42 or 46)
- 8x24 (51 or 57)
- 7x22 (51 or 57)
- 6x24 (42 or 46)
- 6x24 (51 or 57)
- 5x22 (42 or 46)
- 5x24 (51 or 57)

**Software and Interface**

- **Software Interface**: ESC/POS, emulation
- **Driver Interface**: 1 Drawer (Controllable)

**RELIABILITY**

- **MCBF**: Mean time between failure (70 million lines) *
- **Cutter Life**: 2 million times of partial cut (Recommended New paper use) *

**Power Requirements**

- **DC Input**: +24VDC ±10% AC Input: 100 ~ 240V, 50/60Hz, Single Phase

**Dimensions**

- **Width**: 145mm
- **Depth**: 128mm
- **Height**: 207mm

**Superc Green product** is the product which complies with Fujitsu group original severe environmental standard of FP-510I and surpasses own severe environmental standard, and it is called "Super Green Product". The use of Recyclable material, Material Local attachment and Downsizing supports the environment.

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* *Operation conditions are under 500 transactions/h (Transaction = 5LF + 1cut). 30dayoperation, print duty less than 9% and the life of Head or Cutter with using specified paper by our company. If unspecified paper is used, the life of Head or Cutter might be shortened than expected. Also, it might cause trouble for the printer.

* *Based on FUJITSU measurement and quality standards.


* Status Monitor does not support Bluetooth interface.

* OPOS Driver and JavaPOS Driver do not support Bluetooth.

* The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Fujitsu Isotec Limited is under license.

* Other trademarks and trade names are those of their respective owners.

* Specifications are subject to change without notice.

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