

FUJITSU FP-510

Single Station Thermal Printer

Ultra High Speed, 260mm/sec

Multi-function and Compact Design

FUJITSU Super Green Product



FUJITSU

THE POSSIBILITIES ARE INFINITE

FUJITSU FP-510 Specifications

Print Method	Direct Line Thermal Recording Method
Print Resolution	8dot/mm (203 dpi)
Print Speed	
One color	Up to 260mm/second (69 lps) *1
Two color	Up to 115mm/second (30 lps) *1
Line feed	3.75mm (Standard), Programmable 0 ~ 900mm
Paper Feed-out Direction	Front feed out
Auto cutter	Partial-cut cutter (Standard) Full-cut cutter, Programmable Partial-cut and Full-cut cutter (Factory option)
Auto cutter position	12mm(Standard) or Programmable 4.5mm distance between cutter and top of form
Paper specification	
Paper thickness	75µm(0.075mm) - 150 µm(0.150mm)
Roll diameter	Up to φ102mm (Paper thickness : 75 ~ 90µm) Up to φ90mm (Paper thickness : 90 ~ 150µm)
Maximum Print Width	
58mm width paper	48mm(384dots) or 52.5mm(420dots)
60mm width paper	54.5mm(436dots)
80mm width paper	64mm(512dots) or 72mm(576dots)
83mm width paper	80mm(640dots)
Column and Character	
58mm width paper	Font A(32 or 35 column), Font B(38/42 or 42/46 column), Font C(48 or 52 column)
60mm width paper	Font A(36 column), Font B(43/48 column), Font C(54 column)
80mm width paper	Font A(42 or 48 column), Font B(51/56 or 57/64 column), Font C(64 or 72 column)
83mm width paper	Font A(53 column), Font B(64/71 column), Font C(80 column)
Character set	
1byte	ANK(95 char.), International Character(48 char.), Enlarged Graphics(128 char.x19 pages), Download Character(95 char.)
2bytes	JIS1&2 Kanji(6879 char.) JISX0208-1990, User-Defined Character(94 char.), Special Characters(845 char.)
Barcode	
1 Dimension	UPC-A, UPC-E, EAN8, EAN13, CODE39, ITF(Interleaved Two of Five code), CODABAR(NW-7), Code 93, Code 128
2 Dimension	PDF 417, DataMatrix, QR code
Logo Store	3Mbits (384K bytes)
Input voltage	+24VDC±10%
Power Consumption	Standby:Approx.4w/0.2A, Operating: Average 44W/1.5A
Paper near end and Paper end sensor	Horizontal usage(Standard), Vertical usage(Custom-make option)
Reflective (Black mark) paper sensor	Factory option
Buzzer	One buzzer (Standard)
Peripheral Drive Circuit	1 port, 2 circuits, Max.1A
Safety and EMC Standard	CSA, UL, TUV, CE mark, CCC, VCCI Class A, FCC Class A, EN55022 Class A (Depend on models)
Dimensions	128mm(W) x 207mm(D) x 145mm(H)
Weight	Approx. 1.9 kg
Interface	
RS232C I/F	RS232C with Power supply (D-SUB 25 pins)
USB I/F	USB Full speed (Type-B x 1port) and Type-A x 2 ports
Parallel I/F	Centronics IEEE-1284 Nibble Mode Compliance (Anphenol 36 pins)
RS232C + USB I/F	RS232C(D-SUB 25 pins) + USB(Full speed) (Type-B x 1port)
Powered USB I/F	USB Full speed (FCI 8 pins)
LAN I/F	10 BASE-T/100BASE-TX (RJ-45 x 1port)
Printer Driver	Windows® Embedded for Point of Service Windows® 2000, Windows Server® 2003, Windows® XP, Windows Vista® Java Pos™ (V1.10 compliance) for Windows® and Linux OPOS (V1.10 compliance) SUSE® Linux(Planning;Oct.2008)
Software Interface	Standard ESC/POS™
Reliability	
Printer	70 million lines (MCFB) *1
Print head	150km (One color), 75km (Two color) *1
Cutter	2 million cuts (Paper thickness 75µm) *1
Operating condition	
Temperature	0°C~40°C
Humidity	10% ~ 95%RH (without condensation, Highest wet bulb temperature:29°C or less)
Storage condition	
Temperature	-20°C~60°C
Humidity	5% ~ 95%RH (without condensation)
ESD resistance	
Direct application Contact discharge	0~8kV *1
Direct application Air discharge	0~15kV *1
Indirect discharge	0~15kV *1
RoHS and FUJITSU Environment Assessment	Standard
Options	Serial, USB, Powered USB, Parallel*2, LAN I/F Y-Powered USB cable (1.5m, 3m, 5m, Black and White color) Powered USB cable(2m) AC adaptor

*1 Based on FUJITSU measurement and quality standards.

*2 Parallel I/F card can be installed into only Parallel model printer.

All specifications are subject to change without notices.



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Features

- One touch cover open, Drop-in a roll paper, Ultra high speed printing max.260mm per second
- Two color printing
- Compact design and Small footprint
- Various paper support max.φ102mm, 83mm width
- Auto-cutter standard
- Buzzer standard
- Various connectivity
- PDF417, DataMatrix barcodes
- Horizontal usage standard
Vertical usage custom-make option
- High reliability
Printer : 70 million lines (MCFB)
Print head : 150 km
Cutter : 2 million cuts
- RoHS and FUJITSU Super Green Product

Dimensions (mm)

