

Thermal Printer

FTP-638WSL201#01-R

Battery drive, 3"mobile thermal printer

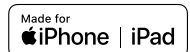
Overview

High speed, rugged mobile printer that can accommodate 2" or 3" paper width and a large diameter roll.

This exceptional printer is suited for a wide range of applications from mobile POS, warehousing, logistics and event ticketing.

Features

- **High performance and easy operation**
Max. 130mm/sec. print speed, built-in color LCD
- **Includes all modern interfaces**
USB, Bluetooth®, WLAN, NFC
- **Paper options**
Thermal receipt / Label (front/back mark, gap detection)
- **Rugged construction**
2.1 meters and IP54 rated
- **Standard accessories**
Belt strap, USB cable, AC adapter, battery
- **Optional accessories**
5000mAh extended capacity battery, shoulder strap, car charger, battery charging cradle
- RoHS compliant

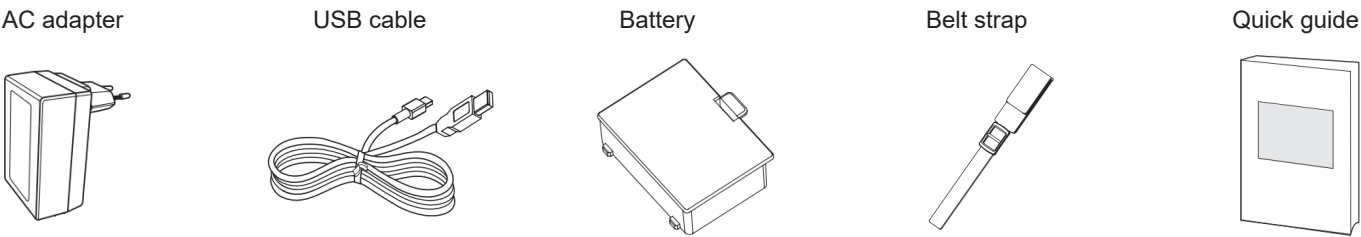


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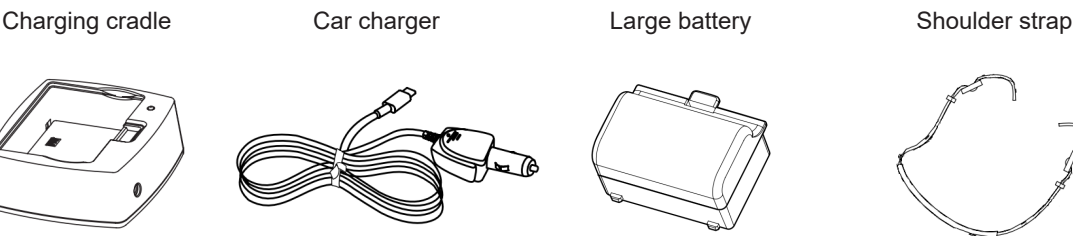
■ Specifications

Item			Specifications
Part number			FTP-638WSL201#01-R
Interface			WLAN, Bluetooth 4.2, USB (V2.0), NFC (ISO/IEC14443 Type A)
Resolution			203dpi (8dots/mm)
Effective printing area			72mm
Media	Type		Thermal paper
	Width		50 to 80mm
	Thickness		60-160μm
	Core diameter		12.5mm
	Roll diameter		Max. Φ66.5mm inner diameter Φ12.5mm
Power	Battery (Lithium Ion)		7.2VDC lithium, 2,500mAh (optional 5,000mAh)
	AC adaptor		Input: 100VAC to 240VAC Output: 5V, 2A
Print	Print speed		Max. 130mm/sec.
	Emulation		ESC/POS, CPCL, ZPL II
	Character types		Alphanumeric, International, Japanese Kanji, Korean, Chinese-GB2312, Chinese-BIG5
	Barcode	1D	EAN13, EAN8, CODABAR, CODE11, CODE39, CODE93, CODE128, ITF, LUPC-A, UPC-E, Planet, UPC-A
		2D	QR, MAXI CODE, PDF417, MicroPDF417, Datamatrix, Aztec, TLC39 GS1 DataBar-14 Stacked, GS1 DataBar-14 Omnidirectional
Dimensions			118 x 158 x 80mm (WxDxH)
Weight	Printer with battery		Approximately 725g
Life	Head	Pulse	1x10 ⁸ pulses
		Wear	50km
	Battery		200m (using a new battery, and operating under FCL Componets standard conditions)
Certifications			CE, FCC, UL/cUL, TELEC, VCCI
Environmental conditions	Operating temperature		-20°C to +55°C, +10°C to +35°C while charging
	Operating humidity		10 to 90% RH (no condensation)
	Storage temperature		-30°C to +65°C
	Storage humidity		10 to 90% RH (without paper, no condensation)

■ Standard accessories

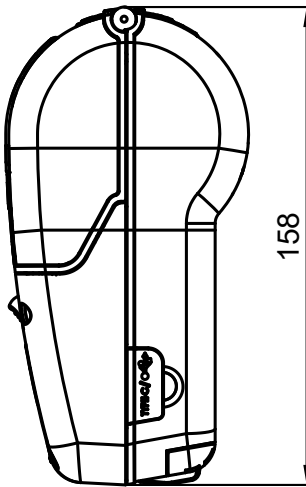
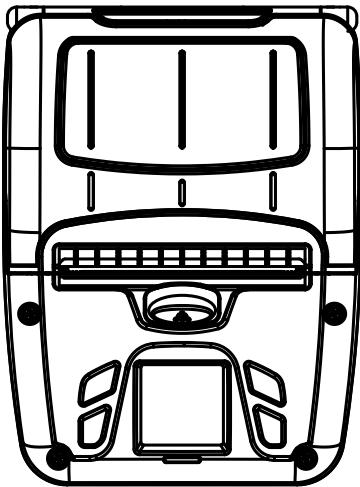
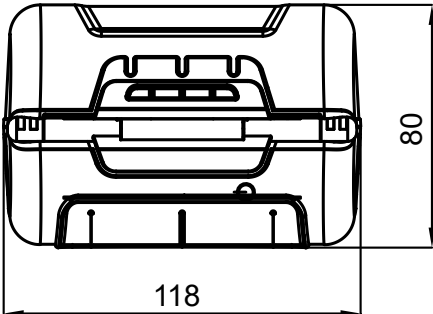


■ Optional accessories



■ Dimensions

- Printer mechanism: 3-inch



Notes:
1. Dimensions are nominal value tolerance $\pm 5\text{mm}$ unless otherwise specified.
2. Dimensions in () is reference value.

■ Commands

Command	Content
HT	Horizontal tab
LF	Print and line feed
CR	Print and carriage return
FF	Print end position label to start printing
CAN	Cancel print data in page mode
DLE EOT	Real-time status transmission
DLE ENQ	Real-time request to printer
ESC FF	Print data in page mode
ESC SP	Set character right-side spacing
ESC !	Set print mode
ESC \$	Set absolute print position
ESC %	Select/cancel user-defined character set
ESC &	Define user-defined characters
ESC *	Set bit image mode
ESC -	Turn underline mode on/off
ESC 2	Set 1/6 inch line spacing
ESC 3	Set line spacing using minimum units
ESC ?	Cancel user-defined characters
ESC @	Initialize printer
ESC D	Set horizontal tab positions
ESC E	Select emphasized mode
ESC G	Select double-strike mode
ESC J	Print end feed paper using minimum units
ESC L	Select page mode
ESC M	Select character font
ESC R	Select international character set
ESC S	Select standard mode
ESC T	Select print direction in page mode
ESC V	Set/cancel 90° cw rotated character
ESC W	Set printing area in page mode
ESC \	Set relative position
ESC a	Align position
ESC d	Print and feed paper n lines
ESC t	Select character code table
ESC {	Set/cancel upside-down character printing
FS p	Print NV bit image
FS q	Define NV bit image
GS !	Select character size
GS \$	Set absolute vertical print position in page mode
GS *	Define downloaded bit image
GS /	Print down-loaded bit image
GS B	Turn white/black reverse printing mode on/off

Command	Content
GS H	Select printing position of HRI characters
GS I	Transmit printer ID
GS L	Set left margin
GS W	Set printing area width
GS \	Set relative vertical print position in page mode
GS a	Enable/disable Automatic Status Back(ASB)
GS f	Select font for HRI characters
GS h	Set bar code height
GS k	Print bar code
GS r	Transmit status
GS v 0	Print raster bit image
GS w	Set bar code width

Contact

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