

TF-200

VER 101

WIRELESS DONGLE

Operation Manual



Attention

- (1) All rights reserved.
- (2) This manual's contents are changed without notice.
- (3) If you want to know about detailed of this manual and want to ask something to our company please contact to our agency or head office.
- (4) Please understand that we don't take any responsibility about this product.
- (5) We cannot provide secure service because it will possible interference this year.

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

[Note] The manufacturer is not responsible for any interference, for example RADIO or TV interference, caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

A. INTRODUCTION

Thank you very much for purchasing our products. TF-200 is designed to deal for various request of industry scene. You can use anytime this radio system. Please read this manual before you use this product then to make use of collect and to apply functions.

< Precaution >

- ◆ Please avoid it from changeable temperature.
- ◆ please don't too much shock to it.
- ◆ Please put it seasoned place.
- ◆ Keep it out of the direct rays of the sun and avoid a vibration.
- ◆ Please don't put it high voltage and too much electric wave place.
- ◆ Please avoid from the rain.
- ◆ Don't take it apart, remodel, convert and fix intentionally.
- ◆ Please you charge only use an adapter for attachments.

B. FEATURE

- ◆ The wireless transmitter and a receiver.
- ◆ It can use for wireless printer if it connect to serial-printer.
USER MODE : YJ-360 printer
EXT. KEY MODE : YJ-380 printer

C. TECHNICAL SPECIFICATIONS

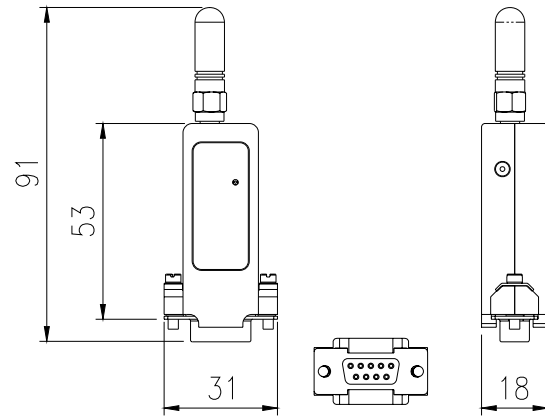
◆ General specifications

Case material	Engineering Plastic
Temperature range	-10°C ~ 40°C
Display lamp	Red (power on)
Adaptor	DC 5V, 2A

◆ Wireless communication specifications

RF frequency range	2402 ~ 2480 MHz
Output power	Under 10 dBm
Channel width	2 MHz
Frequency offset	< ±30ppm
Transmit data rate	250Kbps, 500Kbps
Receiver sensitivity	-99dBm (PER <1%)
Maximum input level	0dBm
RF In/out impedance	50 ohm (TXRF, RXRF)
Spurious(2nd harmonics)	< -30dBm
Radio link effective range	Approx. 100M (Open space)

◆ PRODUCT SIZE



◆ SPECIFICATIONS: 9PIN D-SUB CONNECTOR

PIN1	PIN2	PIN3	PIN4	PIN5	PIN6	PIN7	PIN8	PIN9
	TXD	RXD		GND				VCC DC 5V

Baud rate: 9600bps, 8bit, 1 stop bit, none parity

◆ LAMP & ADAPTOR JACK

Switch of setting up state and wireless mode

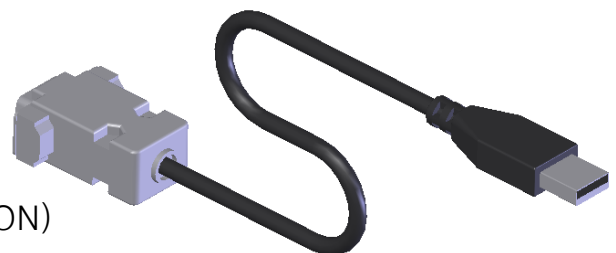
Lamp of state

Adaptor of power (5V)



◆ ITEMS

- Body: 1EA
- Manual: 1EA
- Adaptor: 1EA (OPTION)
- USB-RS232C cable: 1EA (OPTION)



D. CONSTITUTION OF WIRELESS

(1) Serial printer [When it use for printer to set MODE 2]

It can print weigh date by wireless when it connects to serial printer.



[YJ-360]

YJ-360

It can print only USER MODE. It has many functions TF-100
It use for printing to use wireless controller.

YJ-380

It has many functions for example are EXT.KEY MODE etc.
It can print the total and subtotal from simple indicator or a scale
when they connect to it.

When YJ-360 or YJ-380 uses it needless any power source from external. (Printer has power sources itself)



[YJ-380]

(2) PC : RS-232C 9PIN D-SUB serial port

When computer has 9PIN D-SUB serial port, you can use TF-200 by connecting directly. But when that time, you must use additional power adaptor (it is being sold separately)

(3) PC : USB port

It needs not to use additional power adaptor by using the extra exchanging cable (it is being sold separately. cable has power sources itself)

E. SETTING MODE

◆ Setting of mode

– The way to change mode.



– Connect the power while pressing the switch



– Mode is changed after light that is orange color turning on and off of light for the 5 seconds.



red -> green red -> green

– When the changing to the mode you hoped is not completed, can change by repeating the flow 1~3 till success

