



# Barcode Scanner

## JTX-F1

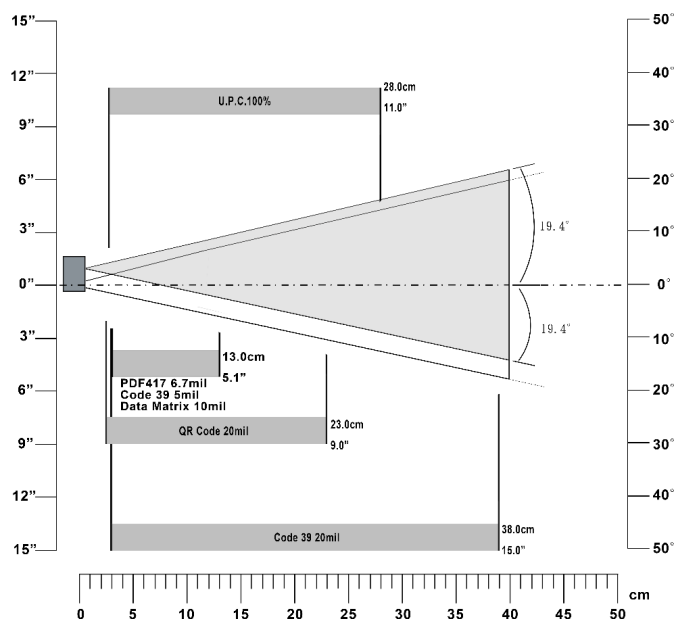


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## JTX-F1 Barcode Scanner

Model No.	Parameter
Output interface support	USB-HID,USB-VCOM, RS232
Symbology	1D : Codabar, Code 11, Code 128, Code 39, Code 93 , EAN/JAN-13, EAN/JAN 8, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, GS1 128,GS1 Composite, UPC-A, UPC-E,
	2D :PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) code
Optical Resolution	1280 x 800 pixels
PCS	$\geq 0.25$
Scan Rate	30 frames per second
Scan Angles	Tilt : 360° , Pitch : $\pm 55^\circ$ , Skew : $\pm 55^\circ$
Field of View	Horizontal : 52° , Vertical : 38°
Depth of Field	Minimum Distance : 3cm / 1.18in ( Code 39, PSC 0.9, 5mil ) Maximum Distance : 13.5cm / 5.31in ( Code 39, PSC 0.9, 5mil )
Reading Sensor	CMOS sensor
Light Source	White LED illumination ; Red LED dot aimer
Configuration	user manual
Weight	126g ( without cable )
Cable	1.8m straight type
Environment Humidity	Up to 95% RH
Working Temperature	-20° C ~ 50 ° C
Storage Temperature	-40° C ~ 70 ° C
Drop Durability	1.2 M
Sealing	IP41
Voltage	DC 5V $\pm 5\%$
Ambient light	Works in any lighting conditions from 0 to 100,000 lux
Manufacture	Made in Taiwan

## Remark



Symbology	Density	Minimum Distance		Maximum Distance	
EAN-13	13.0 mil	3.5cm	/ 1.37"	22.0cm	/ 8.66"
Code 39	5.0 mil	3.0cm	/ 1.18"	13.5cm	/ 5.31"
PDF417	6.67 mil	3.0cm	/ 1.18"	16.0cm	/ 6.29"
Data Matrix	10.0 mil	2.5cm	/ 0.98"	18.0cm	/ 7.08"
QR Code	20.0 mil	4.5cm	/ 1.77"	46.0cm	/ 18.11"

## Optional goose neck holder



### Return default parameters and version information



Reset to default



Firmware version

### Beeper indication



Disable



Enable\*

### Scanning mode



Manual Trigger\*



Presentation mode

### Volume of beeper



Low



middle



high\*



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## Parts of the scanner



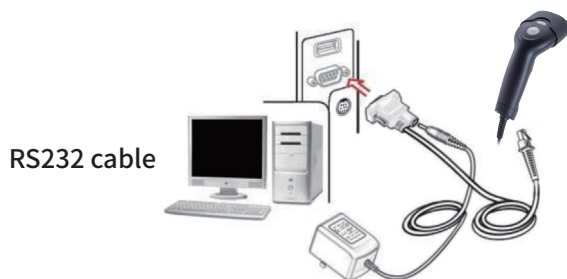
- ① LED
- ② Beeper
- ③ Exit window
- ④ Trigger
- ⑤ Release-hole of the cable
- ⑥ Cable interface port

## Installing the cable

\_Refer to the below pictures, connect the host with the scanner based on different cables.

\_Ensure that all connections are secure.

\_If the installation is successful, the beeper will beep and LED will light.



RS232 cable



USB cable

## Removing the cable

\_Find the release-hole (Refer to "Parts of the scanner").

\_Insert a thin wire into the hole and pull out the cable gently.

## Reading techniques

\_Press and hold the trigger, the scanner projects a red LED square which allows positioning the barcode within its field of view, and turns on the white LED for illumination.

\_When reading a barcode, the red LED square will be smaller when the scanner is closer to the barcode and larger when it is farther from the barcode. Please hold the scanner at an appropriate distance from the barcode, and center the red LED square on the barcode.

\_On a successful barcode reading, the scanner will beep once, and the red LED square and white LED will be turned off. Then the scanner transmits barcode message to the host.

