

# FG-8975

2.4G 2D Barcode Scanner



**Wired+2.4G**  
**Material: ABS+PC+TPU**  
**Image: 640\*480pixels**  
**Resolution: 4mils**  
**Imaging Speed: 30 fps**  
**Read all main 1D/2D codes.**  
**1G CPU, Memory 512000bits**  
**Battery capacity: 2000mAh**  
**Distance: 80-100m in opening area**  
**Interfaces: USB HID(standard)**



# FG-8975

## 2.4G 2D Barcode Scanner



### Performance Parameter



Chain retail



Clothing



Express



Warehousing



Manufacturing



Health care



Security



Tracing



Meter reading



Public service



Others

### Light Source

LED White light

### Image sensor

640\*480 pixels

### Resolution(maximum)

0.102mm / 4mils

### Print contrast ratio(minimum)

≥20%

### Reading Angle

Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±60°

### Decoding Capability

All standard 1D codes including GS1 DataBar™ linear code can be automatically distinguished and decoded  
2D: Aztec Code; Data Matrix; Maxi Code; QR Code; HAN XIN; Micro QR Code  
Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417

### Reading Indicators

LED light & Buzzer (adjustable tone and volume)

### Typical depth of Field

Precision	Barcode	Depth of Field
3.34mil	CODE 128	10mm-60mm
5 mil	CODE128	5mm-90mm
3.34mil	EAN-13	10mm-55mm
5 mil	EAN-13	5mm-85mm
13.34mil	EAN-13	20mm-190mm
5 mil	PDF417	5mm-75mm
10 mil	PDF417	5mm-190mm
15 mil	PDF417	10mm-200mm
10 mil	DM	5mm-100mm
20 mil	DM	5mm-210mm

(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)

### Physical characteristics

#### Color available

Black

#### Dimensions (L\*W\*H)

71\*107\*158mm

#### Weight

205g

#### Cable

1.5m

### Electrical Parameter

#### Current

Working status (nominal): <460 ma="" standby="">

#### Input Voltage

5 VDC (+/- 10%)/500mA

### Environmental Parameter

#### ESD protection(Air discharge)

8 kV

#### Drop resistance

Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.

#### Particulate and water sealing

IP52

#### Temperature

Operation: 0 - 40 °C

#### Humidity(non-condensing)

5 - 95%

#### Ambient light

Indoor: 0 to 6,000 lux; Outdoor: 0 to 86,000 lux

### Cordless Parameter

#### Cordless mode

2.4G

#### 2.4G Transmission distance

80~100 meters (basic on open space)

#### Communication mode

Wireless real-time transmission/wired transmission/storage mode

#### Battery capacity

2000mAh

#### Continuous working time

>8-10H

#### Charging time

4.5H

#### Warranty

24 months