# GF2000P

## Handheld terminal with inbuilt printer

*Free SDK is provided for customers' secondary development. Also we can customize the application software if required.*

## Application field

1. Lottery
2. Surveying
3. Electricity, Gas, meter reading and billing
4. Travel & Ticket billing for Air Ticket, Railway, Subway, Taxi Bus, Movie.
5. Hotel/Supermarket/Retail/Restaurant/Convenience store management

## Features

1. Android 4.0 or Wince 6.0 operating system, easy to develop applications for them
2. 1G Hz ARM11 CPU makes sure the fast operating speed of the device
3. Seiko Printer 8/mm (203dpi)gives you a good resolution of the printing
4. GPRS/WCDMA/CDMA can be customized as your requirement
5. RF/HF/UHF can be customized to match your system
6. 1D/2D Barcode Supported

## Parameters

| Basic parameters | |
|---|---|
| CPU | ARM11 1G Hz |
| Memory | 2G |
| Operating system | Android 4.0 |
| Communication | USB2.0, 38K Infrared (Can transfer as far as 12 m.) |
| Display screen | 3.5-inch touch screen, 640x480 dots |
| Keyboard | 25 Silicone keyboard |
| Battery | Rechargeable battery 2000mA/7.2 |
| Expansion slots | MICRO SD card |
| SIM card slot | 2 slots |
| Audio | High-volume speakers |

## Basic parameters - continued

| | |
|---|---|
| Camera | 300 pixels, LED flashlight |
| GPS | Accuracy of 3 m |
| Drop specifications | 6 surfaces can withstand drops from 1.5 meters to concrete impact |
| Scroll to specifications | 1,000 times  0.5 meters, six rolling contact surface |
| Sealed environment | IP64 |
| Wireless communications (option) | GSM/GPRS/EDGE:  GSM850/EGSM900/DCS1800/PCS1900  WCDMA/HSDPA:2100M(band I), 1900M(band II), 850M(band V) CDMA2000 |
| Wireless module (option) | IRDA, RF, HF, UHF |

## E-Tag RF13.56mhz (option)

| | |
|---|---|
| Supported standards | EPC Gen 1 (0kind,1kind)and Gen 2 |
| Low working frequency | 125kHz |
| Tabdomining | EM 125KHz |
| Working frequency of high frequency | 13.56MHz |
| Protocol standard | ISO14443A/B,ISO15693, |
| Nominal read range | 5.0cm to 10cm |
| Rated write scope | 5.0cm to 10cm |
| Range | From the front of the device from the 70 ° angle (according to the band) |

## Barcode reader (option)

| | |
|---|---|
| Optical resolution | 0.005 inches minimum bar width |
| Rotation angle | Vertical deviation angle +/-30° |
| Tilt angle | The angle from normal +/-65° |
| Offset visual tolerance | Deviation from the normal angle of +/-60° |
| Ambient light: Sunlight | 8,000 ft.candles (86,112 Lux) |
| Artificial light | 450ft.candles(4,844Lux) |
| Scanning frequency | 50 scans per second (+/-6) times (two-way) |
| Scan angle | 46.5 ° (standard) |
| Laser power | 1.0 am (standard) |
| Reading accuracy | Laser greater than 6 mil |
| Laser safety | IEC 2 / FDA II grade, standards compliance IEC60825-1/EN60825-1 |
| Camera | Supported for read 2D Barcode |

## print

| | |
|---|---|
| Paper diameter | 45mm |
| Print method | Thermal line printing |
| Resolution | 8/mm (203dpi) |
| Dots per line | 384dots,32 English characters/line |
| Print contents | Chinese, Numbers, English, all kinds of symbols |
| Printing speed | 50mm/s (adjustable) |
| The way loading paper | Clamshell type paper |

| Seiko printer - continued | |
|---|---|
| Paper out test | When the printer runs out of paper function sounds |
| Black label test | Yes |
| **Mechanical parameters** | |
| Dimension (L×W×H) (mm) | 200×60×50 |
| Weight | Includes standard battery 320 g |
| **Environmental conditions** | |
| Working temperature | -20°C to 50°C |
| Storage temperature | -25°C to 70°C |
| Humidity | 5%RH - 95%RH(no condensation) |