GF2000

Handheld PDA

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

Application field

1. Livestock management with RF-Tag
2. Electricity, Gas, Petrol meters reading and billing
3. Hotel, Supermarket, Retail, Restaurant, Convenience store management.
4. Surveying & data collecting.

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. IP64 Protect Level
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
7. Stable

Parameters

Basic parameters	
CPU	ARM11 1G Hz
Memory	KE44A-26BN/4GB, EDE2116AEBG-8E-F/1G
Operating system	Android 4.0
Communication	USB2.0, 38K Infrared (Can transfer as far as 12m.)
Display screen	3.5-inch touch screen, 640x480 dots
Keyboard	25 Silicone keyboard
Battery	Rechargeable battery 3000mA/3.7V
Expansion slots	MICRO SD card
SIM card slot	2 slots
Audio	High-volume speakers
Camera	300 pixels, LED flashlight

Basic parameters - continued

GPS	Accuracy of 3 m, UBLOX NEO-6M GPS-six
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 ma (standard)
Reading accuracy	Laser greater than 6 mil
Laser safety	IEC2/ FDA II grade, standards compliance IEC60825-1/ EN60825-1
Camera	Supported for 2D barcode Read

Mechanical parameters

Dimension (L×W×H) (mm)	200×70×27
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)