

### OVERVIEW



Government



Industry



HealthCare



Warehouse

**Pegasus PPT- 4000** is a series of Android powered smart terminals, with data capture, data pro-cessing, wireless communication. It is with high-reliability & high-expansibility. Auto & Accurate data collection is achieved in various business field via a complete solution of premium options, the flexible solution among options and operators is suited-up. You will find out with **PPT- 4000**, much easier deployment, reduced complexity, decreased maintenance, are the benefits for enterprises.

Meeting industrial standards, designed to support a various of mobile solutions. With the build-in high performance Cortex-A9 1GHZ dual core pro-cessor technology, the operators need only one device to enjoy a convenient and easy job, C4000 will be the ideal choice for key-fact business in mobile solutions, for simplified task flow, en-hanced work efficiency, for shortened time to customer response, more satisfied customer care service.



### FEATURES

- ▶ 3G Network
- ▶ IP64 Sealing
- ▶ 4 in. Touch screen
- ▶ SYMBOL Barcode imager
- ▶ Biometric Fingerprint
- ▶ RFID LF/HF/UHF
- ▶ GPS / A-GPS





Fingerprint



1D Barcode



2D Barcode



Camera



RFID



WIFI



WCDMA



Bluetooth



GPS/AGPS

## PHYSICAL

Size	153mm*75mm*29mm/6.02*2.95*1.14in.
Weight	286g/10.09oz. (includes main battery)
Display	4in.WVGA (480*800) TFT-LCD, capacitive dual touch
Expansion	1 PSAM, 1 SIM, 1 MicroSD
Interface	USB Micro-B, serial port RS-232(TTL)
Camera	OV 5M pixels, auto focus (camera is optional)
Audio	0.5W speaker, build-in microphone
Keypad	3 function keys, 3 side buttons
Battery	Main bat. (rechargeable li-ion polymer, 3.7V, 3200 mAh) Pistol bat. (rechargeable li-ion polymer, 3.7V, 5200 mAh)

## PERFORMANCE

CPU	Cortex-A9 1GHz dual core
RAM	512MB RAM/1GB RAM (Optional)
Storage	Build-in 4GB Flash, MicroSD (Max.32GB expansion )

## DEVELOPMENT

OS	Android 4.0.4
SDK	Chainway SDK
Language	Java
Tool	Eclipse

## ENVIRONMENTAL

Operating-temp.	-10 to 50°C/14 to 122°F
Storage temp.	-40 to 70°C/-40 to 158°F
Humidity	5%RH to 95%RH (noncondensing) 1.2m/3.9ft. drop, 6 sides (concrete floor under operating temp.) 1,000 times, 0.5m/1.6ft, 6 contact surfaces, IEC compliance
Drop	IEC compliance
Tumble	IP64, IEC compliance
Sealing	15KV air discharge, 8KV conductive discharge
ESD	

## COMMUNICATION

WLAN	IEEE802.11b/g/n, internal antenna
WWAN	WCDMA/HSDPA/HSPA+ (850/2100MHz), GSM/GPRS/EDGE (850/900/1800/1900MHz)
&Voice	Bluetooth v2.1+EDR
WPAN	Bluetooth 3.0+HS Bluetooth v4.0 Low Energy (LE)
GPS	GPS (embedded A-GPS)

## SAM SECURITY (OPTIONAL)

PSAM T=0,T=1 (Optional)  
Protocol ISO7816

## ACCESSORIES



AC Adapter



Fingerprint  
Snap-on



Snap-on



Data Cable



Cradle

## DATA CAPTURE

### 1D Barcode (Optional)

1D Laser engine	Symbol SE955
Resolution	4Mil
Scan Rate	104 (+/-) 12scans/sec (bi-directional)
Symbologies	All major 1D barcodes

2D CMOS Im-ager	Symbol SE4500
Resolution	752(H)*480(V) pixels
Angle	360o
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode ; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

### 2D Barcode (Optional)

2D CMOS Imager	Symbol SE4500
Resolution	752(H)*480(V) pixels
Angle	360o
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode ; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX) .

### RFID LF (Optional)

Frequency	125kHz, 134kHz (FDX/HDX)
Protocols	ISO11784, ISO11785
Supported	1)R/O ID, Eg, EM4100/4200, TK4100 2)R/W ID, Eg, EM4305/HITAG S series
R/W range	2cm-10cm

### RFID HF (Optional)

Frequency	13.56MHz
Protocols	ISO14443A/B, ISO15693
Supported	1) MF1 (S50/S70), MF0 (Ultralight), MF3 (Desfire D40/D41/D81), CPU_A 2) CPU_B 3) ICODE II, I2048, LRI64K
R/W range	2cm-8cm

### RFID UHF (Optional)

Frequency	865 to 868MHz/920to 925MHz
Protocol	EPC C1 GEN2/ISO18000-6C
Antenna	Right circular polarization (3dbi)
Power	1W (+10dBm+30dBm)
R/W range	5m (tags and environment dependant)

### Biometric fingerprint (Optional)

Sensor	TCS2SS
Sensor type	capacitive, area sensor
Function	Enrollment, compare, deletion etc.
Resolution	508DPI
Memory	1,000 PCS fingerprints
Performance	FRR < 0.1%; FAR < 0.001%
Math time (1:1)	<0.1 sec
Math time (1:N)	<0.5 sec