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# Pegasus AC5714

Mobile Smart POS Terminal

## Faster Response & More Flexible use



### Overview :

Pegasus AC5714 serial products extend Handheld-Wireless product serials into Android OS 7.0 with 4G high speed network communication. Inside the compact handheld device, sealing level of IP65 water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, quick-charging technology, and 4.7 inch.



Android



NFC



4G Network



Bluetooth



WiFi

### Features:

- **Extremely Stable Performance**  
Android 7.0 OS with memory of 2GB RAM/16GB ROM can provide the highly standard experience
- **High Speed Data Communication**  
Double insurance of 4G high Speed network and dual-frequency WIFI network can ensure the real-time data communication in different using environment;
- **Rugged Ergonomic and Over-molding Design**  
Over-molding and ergonomic hardware design can satisfy most of the tough environment from different fields.
- **Extremely Stable Hardware Display**  
4.7 inch Gorilla Glass 3 9H screen can ensure the performance under different tough environment.

#### Industries

Cafeteria



Super Market



Café



Ice Cream Parlour



Outside Catering



Fast Food Shop



Hair Salon





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# Specification Sheet

## Industries

### Payment Collection



### Van Sales



### Retail Shop



### Bus Ticketing



### Parking Solution



### Book Store



### Bakery



PHYSICAL CHARACTERISTICS	
Dimension	162mm(H)x78mm(W)x22mm(D)±2 mm
Weight	Net Weight :350g (including battery & wriststrap)
Display	Gorilla Glass 3 9H 4.7 in. TFT -LCD(720x1280)touch screen with backlight
Backlight	LED backlight
Keypads	3 TP keys, 5 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li -ion polymer, 3.8V, 4750mAh
PERFORMANCE CHARACTERISTICS	
CPU	Quad A53 1.3GHz quad -core
Operating System	Android 7.0
Storage	2GB RAM, 16GB ROM, MicroSD (max 128GB expansion)
USER ENVIRONMENT	
Operating Temp.	-20°C to 50°C
Storage Temp.	-20°C to 70°C
Humidity	5%RH to 95%RH(non -condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	HHW Software Development Kit
Language	Java
Environment	Android Studio or Eclipse
DATA COMMUNICATION	
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD -LTE Band 1, 2, 3, 4, 7, 17, 20; WCDMA(850/1900/2100MHz) , GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A -GPS), accuracy of 5 m
<b>1D Barcode (Optional)</b>	
1D Laser engine	Honeywell N4313
Symbologies	All major 1D barcodes
<b>2D Barcode</b>	
2D CMOS Imager	Newland EM3296 or EM3396
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QRcode, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc..
<b>COLOR CAMERA</b>	
Resolution	8.0 megapixel
Lens	Auto-focus with LED flash
<b>RFID LF (Optional)</b>	
Frequency	125KHz/134.2KHz(FDX-B/HDX)
Protocol	ISO 11784&11785
R/W Range	2cm to 10 cm
<b>RFID HF/NFC</b>	
Frequency	13.56MHz
Protocol	ISO 14443A&15693
R/W Range	2cm to 8cm
<b>RFID UHF</b>	
Frequency	865~868MHz or 920~925MHz
Protocol	EPC C1 GEN2/ISO 18000-6C
Antenna Gain	Circular antenna(2dBi)
R/W Range	1.5 m to 2 m(tags and environment dependent)
<b>PSAM SECURITY (OPTIONAL)</b>	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots (maximum)