



BANANA ELECTRONICS LIMITED

Model

AN-900 Terminal



Hardware Parameters	
Dimensions	148*77.5*27mm (L*W*H +-2mm)
Weight	Appro. 300 gram
Screen	4.3 inch Capacitive IPS screen multi-touch, Resolution: 800*480 Pixels. It is readable
Battery	3.7V 4000mAh li-ion battery.(Above 8 hours working, standby above 150 hours.)
Extension	TF Memory card (Maximum 32GB)
IP Standard	IP65
Technical Parameters	
CPU	Cortex A7 dual core 1.2Ghz
Operation System	Android 4.2.2
RAM	1GB
ROM	4GB
Wireless communication	
Network	GPRS,EDGE: 900/1800/850/1900
	WCDMA 3G: 850/2100
WiFi	WiFi 802.11 g/b/
Bluetooth	bluetooth 4.0, support bluetooth printer.
Camera	Rear 5.0 mega pixels camera with flash light.
GPS	Built in, accurate area: within 10 meter.
Fingerprint	
Sensor	Inductive
Image Size	256*288 Pixels.
Image Resolution	500DPI
Registration time	Less than 3 seconds, Comparation time less than 0.1 seconds,

Fault rate	less than 0.001%
Barcode Reader	
1D barcode reader	laser 1d barcode scanner, Identification distance 0cm to 50cm
2D barcode reader	Using SE4500 or honeywell 5180 barcode scanner, Fault rate less than 0.01%
RFID Reader	
UHF Technology(915Mhz)	EPC C1 GEN2/ISO18000-6C 900Mhz tag read and write.(above 3 meters.)
LF	125K / 134.2K animal tag
PSAM	Support 2 PSAM card.
HF(CPU card)	Support read and write, comply with PSAM.
Active Tag	
Active 2.45G	200 tags can be reading one time if it is in 200 meter's.
433M	Reading distance 200 meter's.(Adjustable)
Zigbee	Built wireless network data collect.
Infra-Red Temperature Sensor	
Operate Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Accuracy	+/- 0.5°C

Development Environmental	
Development	Android SDK
Tools Development	Software development kit(SDK) and API.