PI series

Comfortable, Light-weight, Capable with simple work

Applications

Light-weight & Versatile design

Ergonomic designed with perfect measurement and it has only 160g. The users will have no pressure after long hour of working with PI-series.
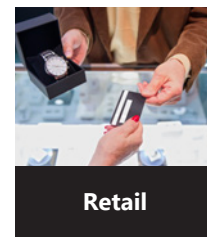
Easy to install large programs

With 16MB DRAM and 20MB Flash ROM, so you may have large files log and data storage in comparison to the same models in its class.
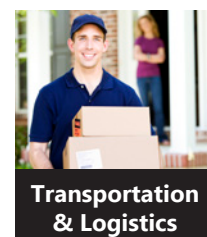
Multiple interfaces

USB, RS232, it also supports real-time wireless communication through Wi-Fi and BT protocol.
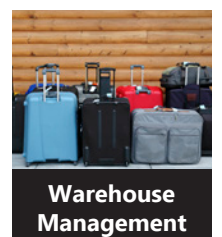
| Retail | Manufacturing |
| Transportation & Logistics | Warehouse Management |

General Specifications

General Characteristics	
OS	Argox Proprietary
CPU	ARM926EJ-S
RAM	16 MB DRAM
ROM	20 MB Flash
Display	White gray mono STN LCD 160*160
Indicator	LED Blue, Green and Red; Beeper; Vibrator
Keypad	25 Alpha-Numeric keys (Including 10 function keys, 3 programmable hot keys)
Dimensions	145.0mm (L) x 55.0mm (W) x 26.0mm (H)
Weight	160g without battery

Scanner						
Model	PI-1010/1030			PI-1230		
Scanner system	CCD			2D Area imager		
Resolution	3mil at PCS 90%			1D (5mils): Code 39 2D (6.7mils): PDF417		
Depth of field	Code39	3mil	40~90mm	Code39	5mil	70-170mm
		5mil	45~140mm	Ean13	13mil	90-370mm
		20mil	65~570mm	Datamatrix	15mil	60-280mm
	Ean13	13mil	55~435mm			
Scanning rate	200 scans /sec			N/A		
Decode capability	Code-11,Code-39,Code-93,Code-128,Ean-8,Ean-13,UPC-A,UPC-E, Industrial 25,Interleaved 25,Standard 25,M-SI-Plessey,UK-Plessey,RSS-14,RSS Limited, RSS Expanded, Codabar , Telepen,Matrix 2 of 5, China Post, Pharmacode			Auto discriminates all standard one-dimension barcodes; including GS1 databar, PDF417, MicroPDF, Composite Codes(CC-A, CC-B, CC-C) OCR-A, OCR-B,OCR-C, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code , Micro QR		

Communication			
Model	PI-1010	PI-1030	PI-1230
WPAN	Bluetooth Class2, BT2.1+EDR	Bluetooth Class2, BT2.1+EDR	Bluetooth Class2, BT2.1+EDR
WLAN	N/A	Wi-Fi 802.11b/g/n	Wi-Fi 802.11b/g/n
I/O interface	USB 2.0 / RS-232	USB 2.0 / RS-232	USB 2.0 / RS-232

Developing tools	
Software	1. Skywalker IDE(Screen page mapped coding Integrated Development Environment) 2. BASIC 3. C SDK with GCC compiler

Power	
Battery	AA size NIMH Battery *2 (charged by USB or optional power adapter) or AA size Alkaline *2 (Recommend AA size NIMH Battery for daily work)

Physical and Environment		
Operating Temperature	-10°C ~ 60°C / 14°F ~ 140°F	
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F	
Humidity	1) Operating: Non-condensed 5 ~ 95%	2) Storage: Non-condensed 10 ~ 90%
Impact resistance	1) Terminal 1.5M	2) IP54
Electrostatic discharge	1) +/- 15 KV air discharge	2) +/- 8 KV direct discharge
EMC Regulation	FCC, CE, BIS, BSMI	

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