

DATA SHEET



AGX 870 Smart Auto-ID PDA

Product Description

Main Features

Industrial lightweight and rugged PDA
 Compact size
 Powerfull CPU (Marvel)
 Multiple wireless options Wifi, GSM/HSDPA or CDMA
 3,5" Touch Display with backlight

Integrated 1D/2D for maximum barcode reading
 1,3 MPixel Fix focus camera (optinal)
 GPS receiver with integrated antenna (optinal)
 RFID HF (13,56MHz) or UHF (866-954MHz) Reader optional
 WIN CE 5.0 Standard / WIN CE 6.0 optional

Product pictures



AGX-870

Article no:		AGX 870
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Typical Applications

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| <ul style="list-style-type: none"> •Manufacturing •Security •Waste management •Logistics | <ul style="list-style-type: none"> •Health Care •Asset management •Food •Transportation | <ul style="list-style-type: none"> •Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation |
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Technical Specifications
AGX 870

Platform	
CPU	Marvell® PXA270 520 MHz processor
Operating System	Microsoft® Windows CE 5.0 Standard / WIN CE 6.0 optional
Performance Characteristics	
Memory	128MB RAM / 256MB ROM
Expansion Slot	microSD card and SIM card
Development Environment	SDK
Physical Characteristics	
Dimensions	146 mm x 74 mm x 26 mm (34 mm) / 5.7 in x 2.9 in x 1.0 in (1.3 in)
Weight	Standard 280g + UHF reader 160g
Keyboard	Alpha-numeric 22-key, Trigger 2-key and volume 2-key
Display	3.5" QVGA with backlight, TFT-LCD, 256K colors, 240 W x 320 L (QVGA size)
Power	Lithium Polymer 3.7V 3000 mAh 150 mAh back up battery 4,400mAh extension battery with optional gun handle
Scanning & Communications	
Barcode reader	1D / 2D
Camera (optional)	1.3M pixel camera with LED flash
Communications	USB host & client / RS-232 via cradle
User Interface	
Keyboard	Keyboard buttons & Touchscreen - Numeric keys, Qwerty (option)
Voice over IP	Hands free Speaker, Microphone / Receiver Headset Port
Wireless	
WLAN (optional)	802.11b/g (Supports CCX Version 3)
Data Rate	802.11b up to 11Mbps, 802.11g up to 54Mbps
Security	EAP-FAST, EAP-TLS, LEAP, PEAP-GTC, PEAP-MSCHAPv2, AES(WPA2), TKIP(WPA), WEP
WPAN (optional)	Bluetooth version 2.0 Class II
WWAN (optional)	CDMA 2000 1X/EVDO GSM/GPRS HSDPA
GPS (optional)	SIRF 3 module with integrated antenna
RFID (HF oder UHF optional)	13.56MHz ; 868MHz - 915MHz
Accessories	
Cradle	Single slot cradle / 4 slot cradle option Vehicle cradle
Gun handle	Pistol grip handle with optional 4,400mAh battery
Others	Leather case, Sync cable, Hand strap, Stylus pen, Adaptor, Screen protector, etc.
Environment	
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 60°C
Humidity	95% non-condensing
Drop	Multiple drops from 1.5m to concrete
Rain & Dust protection	IP54
Approvals	CE


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Technical Specifications	AGX 870 Desktop Cradle
<p>I/O Ports</p> <ul style="list-style-type: none"> - 1 x USB 2.0 / RS-232 - 1 x Sync. connector - 1 x LAN 10/100 base-T port - 1 x power connector <p>Indication LED</p> <ul style="list-style-type: none"> - Power LED <p>Certifications</p> <ul style="list-style-type: none"> - CE approval 	
	

Technical Specifications	AGX 870 Car Cradle	
<p>I/O Ports</p> <ul style="list-style-type: none"> - 1 x USB 2.0 / RS-232 - 1 x Sync. connector - 1 x power connector - 1 x GPS connector <p>Indication LED & Switches</p> <ul style="list-style-type: none"> - Power LED <p>Certifications</p> <ul style="list-style-type: none"> - CE approval 		
		

Article no:	AGX 870 Car Cradle	AGX 870CCR
	AGX 870 1 slot Desktop Cradle	AGX 870DCR01
	AGX 870 4 slot Desktop Cradle	AGX 870DCR04

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