

DATA SHEET



AGX 280 HF/UHF rugged RFID PDA

Product Description

Main Features

Marvell™ PXA 320 806Mhz, Windows CE 5.0, ROM 256MB (max.512MB Option) / RAM 256MB I RFID UHF 860-960MHz GEN2, ISO/IEC 18000-6C, 1D Laser & 2D Imager Barcode Scanner, WLAN (IEEE802.11 a/b/g), Bluetooth Class v2.1 + EDR, Thermal printer (2"), MSR, EMV L1/L2, Fingerprinter, Camera with Flash, GPS

Product pictures



Article no:	UHF 866 - 956MHz	AGX 280 UHF
	HF 13,56MHz	AGX 280 HF

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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Contact:

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Technical Specifications
AGX 280 HF/UHF

Performance Characteristics	
Processor	Marvell™ PXA320 806MHz
Operating System	Windows CE 5.0
Memory	RAM 256MB (Max. 512MB, Optional)/ RAM 256MB
Display	2.4" QVGA with Backlight, TFT LCD, 240x320 Pixel, 262, 144 Color Stylus Touch Screen Interface
Weight	TBD
Operating Temp.	-20°C to 50°C
Storage Temp.	-40°C to 60°C
Humidity	95% non-condensing
Drop Spec.	1,2m steel plate
Dust & Water Proof	IP65
Physical Characteristics	
Audio	Receiver, Stereo Speaker, Ear jack, MIC
Port	Serial Port (RS-232), USB1.1
Expansion Slot	1 Micro SD Slot (SDHC support) 1 SAM Slot (Option)
Notification	Vibrator and LED
Power Adaptor	Input AC100V ~ 240V Output DC5V 3A
Dimensions	(H)23 X (B)53 X (L)147 ; UHF (H)52 X (B)53 X (L)147
Battery Supply	
Main Battery	Lithium-ion 3.7V 2,200mAH (Rechargeble) up to 4,400mAH
Backup Battery	Lithium-ion 3.7V 100mAH(Rechargeble)
Network Characteristics	
Wireless Lan	WLAN (802.11 a/b/g compliant)
Bluetooth	Class II, v2.1 + DER
Data Capture Device	
Barcode Engine	1D Laser or 2D Imager Scanner
UHF Reader (Option)	
Frequency	860MHz ~ 960MHz
Reading range	0M ~ 7M (According to Tag & Environment)
Writing range	0M ~ 3M
RF output	1W EIRP
Protocol	EPC Gen2, ISO/IEC 18000 - 6C, 18000 6B (option)
Special function	Anti - Collision
HF 13.56Mhz Reader (option)	
Applied RFID Tag	ISO 15693 Standard, Mifare, ISO 14443 Type A/B
Reading range	Based on ISO Card (0~5.0cm), Mirare (0~5.0cm)
Cradle	
Standard Interface	USB 1.1 Client (I/O port 20pin) & Host DC power input jack
Ethernet RJ45	Optional
Interface	
RS-232C Interface	RS-232C Interface

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