

DATA SHEET



AGX CW71 Smart RFID UHF PDA

Product Description

Main Features

User friendly design for industrial work environment
Ergonomics design for high work performance
Powerfull CPU Cortex-A53 Quad-core 1.45GHz
Powerfull CPU Cortex-A53 Octa-core 2.5GHz
Multiple wireless options Wifi, 4G and BT 4.0
5.2" IPS FHD 1920x1080 touch panel

Integrated 1D or 2D scanner for maximum barcode reading
13.0 MPixel auto focus camera with flashlight (optional)
A-GPS receiver with integrated antenna (optional)
IP65
RFID NFC / UHF
RAM+ROM 2GB+16GB or 3GB+32GB
Android 6.0 or 8.1

Product pictures



Article no:	Standard	AGX CW71
Typical Applications		
<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

Contact:

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Technical Specifications		AGX CW71
Platform		
CPU Option 1	Cortex-A53 Quad-core 1.45GHz RAM+ROM: 2GB+16GB	
CPU Option 2	Cortex-A53 Octa-core 2.5GHz RAM+ROM: 3GB+32GB	
Operating System	Android 6.0 or 8.1	
Expansion	Supports up to 128 GB Micro SD card	
Physical Characteristics		
Dimensions	162.5*80.0*14.5mm/6.40*3.15*0.57in	
Weight	Standard <321g/11.32oz (incl. Standard battery)	
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported	
Display	5.2" IPS FHD 1920x1080 touch	
Power	Li-ion, rechargeable, 5000mAh	
Scanning & Communications		
Barcode reader (optional)	1D Laser Scanner Honeywell N4313/ Zebra SE965 (optional)	
Barcode reader (optional)	2D Zebra: SE4710 / SE4750 / SE4750MR; Honeywell: N6603 (optional)	
Camera	13.0M pixel auto focus camera with LED flash	
Front Camera	5.0M pixel	
Communications	USB Micro-B	
RFID NFC	13.56MHz : ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc Chips: M1 card (S50, S70), CPU card, NFC tags, etc. Reading Range 0 - 4cm	
RFID (UHF) Gun (optional)	865 - 955MHz : ISO 18000-6C, EPC Class1 Gen2 Power: 1W (27dBm, +19dBm to +30dBm adjustable) Reading Range 0 - 3m*	
Wireless		
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna	
WPAN	Bluetooth v2.1+EDR,3.0+HS,v4.1+HS	
WWAN (optional)	2G, 3G or 4G with Internal Antenna	
GPS (optional)	GPS, A-GPS with integrated antenna	
Options		
IRIS (optional)	Rate: <150ms Range: 20 - 40cm FAR: 1/10000000 Protocol: ISO/IEC 19794-6, GB/T 20979-2007	
Accessories		
Others	Single slot cradle Gun Grip Holster Adaptor, Screen protector, etc.	
Environment		
Operating Temperature	-4oF to 122oF / -20oC to 50oC	
Storage Temperature	-40oF to 158oF / -40oC to 70oC	
Humidity	5% - 95% non-condensing	
Drop	Multiple 1.5m/4.9ft drops (at least 20 times) to the concrete	
Rain & Dust protection	Host IP65 per IEC sealing specifications	
Approvals	CE, RoHS, KTL Drop Test 1.5m	



AGX-CW71
with Cradle






AGX-CW71
with 4 Slot Cradle







AGX-CW71 with integrated
UHF modul

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Technical Specifications	AGX CW71 Accessories
 <p data-bbox="459 987 576 1014">4 slot Cradle</p>	 <p data-bbox="1023 725 1139 752">1 slot Cradle</p>  <p data-bbox="1023 1043 1182 1070">Holster (optional)</p>

AGX CW76 Options and Accessories		
 <p data-bbox="288 1429 395 1456">AC Adapter</p>  <p data-bbox="288 1756 384 1783">Wristband</p>	 <p data-bbox="711 1733 839 1760">Power supply</p>	 <p data-bbox="1114 1447 1305 1473">USB charging cable</p>
Article no:	further options	on demand