DATA SHEET

AGILLOX

AGX MD53
ANDROID 4.2.2
RFID HF/NFC
5,3" Smart PDA

Product Description

Performance rugged 5,3" smart PDA with ANDROID 4.2.x in pocket size

The AGX MD53 is a Mobile Field Assistant, a new range of smart PDA's designed for workers to capture and manage data in the field.

Featuring the **Quad-core Cortex A7 1,2GHz CPU** and **Android 4.2.2 OS**, the AGX MD53 allow field workers to capture and record, track and locate as well as access and update information in real-time, which can increase field service productivity and efficiency. The AGX MD53 is designed to meet the demands of tough outdoor environments.

Data capturing functions are enabled in the AGX MD53 with a HF 13.56MHz reader. The built-in GPS antenna provides access to Location-Based Services, tracking and navigation applications.

Integrated with a selection of wireless communication technologies such as WCDMA/HSDPA, Wi-Fi 802.11b/g/n, and Bluetooth 4.0 LE, the AGX MD53 Mobile Field Assistant keeps mobile workers connected with the back-office.

Its big battery pack that provide 2700mAh capacity help the AGX MD53 Mobile Field Assistant manage power efficiently for an extended operating time (6-10 hours*).

AGX MD53 smart PDA has been approved for its ruggedness for the following conditions:

• Dust tight and protected against water splashed against the component from any direction (IP67)
• Operating temperature range of -10ºC ~ 50ºC
• 1.2m drop test on all sides
• Can be stored in temperature range of -20ºC ~ 60ºC

Auto-ID in combination with RFID

With regards to data capturing functions, the AGX MD53 comes with a rear-facing 8 MPixel AF camera to do data collection that help to eliminate risks of human error.

The absolute highlight is the possibility to enhence the AGX MD53 with RFID technology (HF 13.56 MHz) . This can be operated in parallel with the camera and thus leaves nothing to be desired in modern tracking of goods.

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Typical Applications

•Manufacturing	•Health Care	•Vehicle Maintenance & Diagnostics	
•Finance	•Education	•Automotive	•Security
•Gaming	•Hospitality	•Retail & POS	
•Insurance	•Transportation	•Home Automation	

Contact:

Technical Specifications	**AGX MD53**

LCD Size	5,3" TFT LCD
Brightness (cd/m²)	350 cd/m²
Max Resolution	480 (H) x 854 (V)
Viewing Angle	70/70/70/70 Deg.
Touch Screen	5 point capacitive type
CPU	Quad-core Cortex- A7 1,2GHz
OS	Android 4.2.2
Memory	4GB eMMC Flash + 1GB LPDDR2
Storage	micro SD Slot supports up to 32GB (SDHC supported)
Wireless LAN	Wi-Fi 802.11 b/g/n
Bluetooth	Bluetooth 4.0 LE
Modem	GSM 850/900/1800/1900, HSUPA 11.5Mbps/HSDPA 42Mbps/WCDMA 850/2100/EDGE/GPRS/GSM (optinal)
RFID (Optional)	13.56 MHz RFID compliant with 144434 A/B, ISO15693 and NFC
GPS	Internal GPS
Camera (Back)	8 megapixels AF camera
LED Indicators	RED/GREEN
Magnetometer	Optional
Gravity sensor	Internal
Gyroscope sensor	Optional
Audio	1 x Headset/Microphone 1 x 0.5W speaker
USB	1 x High-speed Micro USB 2.0 Host
Power Adapter	5V/2.6A
Operating temperature	-10°C ~ 40°C
Storage Temperature	-10°C ~ 60°C
Battery	3.7V 2700mAh battery
Humidity	5%~95% non-condensing
Drop Survival	1,2 meter
Environment Protection	IP67
Certification	CE / FCC
Dimensions	161 x 85 x 29 mm
Weight	250g
Article no:	5.3" 350 cd/m2, Androide phone/PDA with MTK Quad Cortex-A7 1.2GHz, GPRS/EDGE, 802.11 b/g/n WiFi, 4.0 LE Bluetooth,3G 2100/850, GPS ,FM, Capacitance Touch screen,8M pixel camera, 1GB LPDDR2,4GB eMMC,Andriod 4.2.x, NFC	**AGX MD53**