

MODAT-531

Mobile Data Collector

New



Features

- Stylish rugged design and ultra-light industrial Android mobile device
- Quad-core Cortex™-A7 1.2GHz processor
- 5.3" display PDA
- GSM 850/900/1800/1900
- Optional WCDMA 850/2100 (HSPA+, HSDPA 42Mbps, HSUPA 11.5Mbps)
- Micro USB port and microSD card slot (max. 32 GB) for maximum connectivity
- Android 4.2.2 OS
- 1D/2D imager scan engine
- NFC (device to device communication, card reader).



Specifications

Model	MODAT-531A-QA7-R10	MODAT-531A-QA7-1D-R10	MODAT-531A-QA7-ET-R10	
Display	LCD size	5.3"		
	Brightness (cd/m ²)	350 cd/m ²		
	Max. Resolution	480(H) x 854(V)		
	Viewing Angle	70/70/70/70 Deg.		
	Touchscreen	5-point capacitive		
System	CPU	Quad-core Cortex™-A7 1.2GHz		
	Operating System	Android 4.2.2		
	Memory	4GB eMMC 1GB LPDDR2		
	Storage	microSD slot up to 32GB		
Communication	Wi-Fi	802.11b/g/n		
	Bluetooth	3.0		
	Modem	GSM 850/900/1800/1900 WCDMA 850/2100 (HSPA+, HSDPA 42Mbps, HSUPA 11.5Mbps) (optional)		
	GPS	GPS		
Data Collection	NFC	Yes		
	Barcode	1D/2D imager scan engine	1D imager scan engine	N/A
	Camera	8-megapixel AF rear camera		
Indicators & Buttons	LED Indicators	Green/Red		
Sensors	Magnetometer	Yes		
	Gravity Sensor	Yes		
I/O Interface	Audio	1 x 0.5W Speaker 1 x Headset/Dual mic-in		
	USB	1 x High-speed Micro USB 2.0 host		
Power	Power Adapter	5V/2.6A		
	Battery	3900 mAh		
Environments	Operating Temperature	-10°C ~ 50°C		
	Storage Temperature	-20°C ~ 60°C		
	Humidity	5% ~ 95%, non condensing		
	Drop Survival	1.5m		
	Environmental Protection	IP 67		
Physical	Dimensions (L x W x H)	160.9 mm x 85.4 mm x 28.85 mm		
	Weight	386 g		

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Healthcare Panel PC Solution

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Industrial System

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Automation Control

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Optional Peripherals



Optional Accessory List

Item	Part No.	Description
Cradle	MODAT-531A-CR01-R10	MODAT-531 charging cradle
MODAT-531 Standard Pouch	7Z000-MODAT531APOUCH	MODAT-531A pouch, black



Packing List

Item	Part No.	Q,ty
USB Cable	32001-014300-100-RS	1
AC-DC Adapter	63040-290013-000-RS	1
Hand Strap	46035-000300-RS	1

Cradle Specification

Model		Ram Mount
I/O Interface	DC Input	1 x Micro USB Jack
Power	Power Supply	5V/2.6A
Environment	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Humidity	5% ~ 95% non condensing
Physical Characteristics	Dimensions (LxWxH) (mm)	115.0 x 66.0 x 50.4
	Weight	194 g

Ordering Information

Part No.	Description
MODAT-531A-QA7-R10	5.3" 350 cd/m ² , Android phone/PDA with Quad Cortex™-A7 1.2GHz, GPRS/EDGE, 802.11 b/g/n WiFi, 3.0 Bluetooth, 3G 2100/850, GPS, FM, Capacitance Touch screen, 8M pixel camera, 1GB LPDDR2, 4GB eMMC, Android 4.2.x, NFC, 1D/2D Barcode, RoHS
MODAT-531A-QA7-1D-R10	5.3" 350 cd/m ² , Android phone/PDA with Quad Cortex™-A7 1.2GHz, GPRS/EDGE, 802.11 b/g/n WiFi, 3.0 Bluetooth, 3G 2100/850, GPS, FM, Capacitance Touch screen, 8M pixel camera, 1GB LPDDR2, 4GB eMMC, Android 4.2.x, NFC, 1D Barcode, RoHS
MODAT-531A-QA7-ET-R10	5.3" 350 cd/m ² , Android phone/PDA with Quad™-A7 1.2GHz, GPRS/EDGE, 802.11 b/g/n WiFi, 3.0 Bluetooth, 3G 2100/850, GPS, FM, Capacitance Touch screen, 8M pixel camera, 1GB LPDDR2, 4GB eMMC, Android 4.2.x, NFC, RoHS

- Stylish rugged IP67 design and ultra-light industrial PDA/ EDA mobile device with Android 4.2.2 OS system
- MODAT-531 NFC (Near field communication) can be used as mobile terminal which allows your association to identify users
- Enhancing on-duty staff work force and mobility, all data and information captured by MODAT-531 can be transferred via wireless communication providing real-time response without any lost.
- Quad-core A7 1.2GHz processor, 5.3" mobile PDA phone
- GSM 850/900/1800/1900
- WCDMA 850/2100 (HSPA+, HSDPA 42Mbps, HSUPA 11.5Mbps)



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