

Specifications

Model	MODAT-100	
Display	LCD Size	3.5" TFT LCD (Sunlight Readable)
	Brightness (cd/m ²)	190 cd/m ²
	Max Resolution	240 x 320 pixels QVGA
	Viewing Angle	80/80/80/80 Deg.
	Touch Screen	4-Wire Resistive Type Touch
System	CPU	Marvell® PXA 310 624 MHz
	Operation System	Windows® Embedded Handheld 6.5
	Memory	128 MB Flash + 256 MB SDRAM
	Storage	microSD Slot
Communication	Wireless LAN	Wi-Fi 802.11 b/g
	Bluetooth	Bluetooth 2.1 + EDR
	3.5G	WCDMA/HSDPA
	GPS	GPS w/internal antenna
Data Collection	Barcode	Built-in 1D Laser Engine and optional 2D imager Engine
	Camera	3 megapixels CMOS Camera with LED Flash Light
Indicators & Buttons	LED Indicators	Charging/Barcode status LED HSDPA status LED
	Hot Keys	2 x Barcode Trigger
I/O Interface	Audio	1 x Headset and 1 x Speaker
	Expansion	16-pin connector (RS-232 / battery charging/ OTG-Host/ OTG-Client)
		2" Thermal Printer
		Smart Card Reader Support Magnetic Stripe Reader Support
Power	Power Adapter	Input: VAC:90 V~264 V Output: 12 V/3 A
	Battery	7.4V 1880 mAh battery
Environment	Operating Temperature	0°C ~ 50°C
	Storage Temperature	-20°C ~ 70°C
	Humidity	5%~95% non-condensing
	Drop Survival	1.2 M
	Environmental Protection	IP 54 (Front Panel only)
Physical Characteristics	Certification	CE, FCC
	Dimensions (LxWxH) (mm)	230 x 84 x 54
	Weight	546 g

Optional Accessory List

Item	Part No.	Description
Cradle	MODAT-100-CR01-R10	Charging cradle integrated one charging bay along with USB Host, USB Client and RS-232 I/O ports
16Pin Cable	32024-001500-100-RS	16-pin cable Connect to USB Host, USB Client and RS232
Battery Pack	31603-000014-RS	7.4V 1880 mAh Battery
Carrying Case	7Z000-MODAT100POUCH-RS	Black, professional protector case with shutter strape for MODAT-100
Car Holder	19B00-000229-00-RS	MODAT-100 car holder with stand
Thermal Printer Paper	5Z000-000165-RS	One thermal paper; 57MM*3.1CM*0.079TMM;
	19N43-128001-00-00-RS	Five thermal paper per roll
microSD Card	79D00-G001-006-RS	1G microSD Card
	79D00-G002-005-RS	2G microSD Card

Support Function

Part Number	Barcode	RFID	MSR	SCR
MODAT-100-RFID-WB65-En	1DBarcode Scanner	13.56MHz supports ISO 14443 A/B & ISO 15693	N/A	Yes
MODAT-100-WB65-En5-En	1D Barcode Scanner	N/A	Yes	Yes
MODAT-100-2D-WB65-En-En	1D/2D Barcode Scanner	N/A	Yes	Yes

Packing List

Item	Part No.	Q'ty	Description
Battery Pack	31603-000014-RS	1	7.4V 1880 mAh Battery
Carrying Case	7Z000-MODAT100POUCH-RS	1	Black, professional protector case with shutter strap for MODAT-100
Power Adapter	63000-FSP036RAB613-RS	1	FSP036-RAB613; VAC:90V~264V; 12V/3A; 36W; PLUG Ψ1.35/Ψ3.5/ NONE LOCK/LENGTH:9.5MM; 1500MM; FSP
Stylus	7Z000-MODAT100STYLUS-RS	1	
Headset	30900-000001-RS	1	



Ordering Information

Part No.	Description
MODAT-100-RFID-WB65-En	3.5" TFT-LCD 190 cd/m ² QVGA Enterprise PDA with Marvell® PXA 310 624MHz CPU, HSDPA, 802.11 b/g Wireless, Bluetooth, 1D barcode scanner, RFID, Smart Card Reader, Windows® Embedded Handheld 6.5 OS, RoHS
MODAT-100-WB65-En	3.5" TFT-LCD 190 cd/m ² QVGA Enterprise PDA with Marvell® PXA 310 624MHz CPU, HSDPA, 802.11 b/g Wireless, Bluetooth, 1D barcode scanner, Smart Card Reader, Magnetic Stripe Card, Windows® Embedded Handheld 6.5 OS, RoHS
MODAT-100-2D-WB65-En	3.5" TFT-LCD 190 cd/m ² QVGA Enterprise PDA with Marvell® PXA 310 624MHz CPU, HSDPA, 802.11 b/g Wireless, Bluetooth, 1D/2D Imager barcode scanner, Smart Card Reader, Magnetic Stripe Card, Windows® Embedded Handheld 6.5 OS, RoHS