

Portable Data Terminals

Z-2050

Mobile Data Terminal



Bluetooth



Features

- Scan and access Real-Time Data Anytime and Anywhere
- Bluetooth-Enabled and Wi-Fi 802.11b Communications
- Durable ergonomic design for comfort and easy carry
- Easy to read, backlit LCD screen with touch panel
- Cable-free scanning using Bluetooth technology, class 1 specification
- Easy to use VC 6.0 development environment and communication software
- Supports GUI, data base and networking over 1,000 API
- 4 MB core flash and 64 MB data flash memories, 8 MB SDRAM
- Rechargeable Lithium-Ion battery for power management
- Integrated 1D, 2D and options
- Proprietary OS supports delivery of wireless communications

Applications

Retail / manufacturing / education / healthcare

Logistics and package handling markets

Inventory and asset management

Shipping / receiving

Express delivery tracking

Meter recording

The Z-2050 is a compact, ergonomic and durable portable data terminal. It is designed with an integrated wireless communication and 1D/2D/RFID optional barcode capture; touch screen and 30-key keypad. The design is suitable for mobile worker to easily use anywhere along the supply chain. It complies with IP54 regulation. Z-2050 is also expandable with WLAN communication via CF slot and expands memory via SD slot.

The Z-2050 consists of MOTOROLA Dragonball 32-bit processor and proprietary operating system. This combination delivers high performance, low power consumption and delivery of wireless networking platform. Compared with other current system on the market, it has proved to be a more cost-effective product with optimized performance.



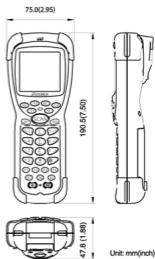
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Specifications

SYSTEM	
CPU	Motorola MC68VZ328 33MHz Processor
Operating System	Proprietary OS with emulator
RAM	8 MB SDRAM
ROM	4 MB for core flash memory & 64 MB for data flash memory
LCD Display	FSTN 2.5", 160 x 160 with touch panel
Back Light	EL back light
Power	
Main Battery	3.7 V 2,200 mAh Lithium-Ion rechargeable
Backup Battery	3 V, 25 mAh, rechargeable Lithium-Ion battery
Battery Life	8 hours without wireless communication activate
SCANNER	
1D (2D, RFID optional)	
Light Source	Visible laser diode 650 nm
Scan Rate	50 scans per second
Print Contrast	30% @ UPC/EAN 100%
DECODING CAPABILITY	
Barcode Symbolologies	UPC/EAN/JAN, Code 128/EAN 128, Code 39, Code 93, Interleaved 2 of 5 (ITF), Discrete 2 of 5, Codabar, MSI/Plessey
SLOTS	
RFID	1 x CF, 1 x SD (optional)
INTERFACES	
Bluetooth	Bluetooth 1.2 spec. Class 1
IrDA	Standard IrDA 1.1
USB	USB 1.0
RS-232	Programmable up to 115,200 bps
WLAN	802.11b optional
PHYSICAL	
Length	190.5 mm
Width	75.0 mm
Height	47.8 mm
Weight Approx.	Approx. 240 g (battery included)
ENVIRONMENTAL	
Operating Temperature	0°C - 50°C
Storage Temperature	-10°C - 60°C
Operating Humidity	10% - 70% RH (non-condensing)
Storage Humidity	5% - 70% RH (non-condensing)
REGULATORY	
EMC	CE & FCC Part 15B, 15C
CRADLE	Single slot USB / RS-232 charging cradle with spare battery slot
SOFTWARE & DEVELOPMENT	
(a) Microsoft VC 6.0 Development Environment;	
(b) Supports GUI, Database and Networking over 1,000 API;	
(c) Emulation Software Tool for Program Development and Debug	

Dimensions



* Product availability & specifications depend on territory market strategy; all are subjects to change without prior notice.

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