



Machine-to-Machine Application Kit OP7200 Mobile Workstation

Part No. 020-0053 Rev. A
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Overview

This application is designed to be a menu-driven system that is capable of sending and receiving both e-mails, and SMS text messages using Z-World's OP7200 operator interface with the Wavecom modem connected to the RS-232 port on the OP7200.

NOTE: The OP7200 is not included with the Machine-to-Machine Application Kit, but may be purchased separately.

Once an e-mail/SMS message is received, the icon (mailbox for e-mail, or scroll for SMS message) will begin to flash, indicating that a message was received. The buzzer can also be enabled (see the system configuration menu for details). Press either the icon or the key below it to enter the corresponding menu to read the message. If you want to send a message, press the icon or the key below it to enter the menu for sending a message. The screen snapshots and icon definitions appear below.



Figure 1. Main Screen Snapshot

Icon Descriptions



Enter the e-mail menu, to send/receive e-mail.



Enter the system configuration menu.



Enter the SMS text messaging menu.

SMS Text-Messaging Menu



Figure 2. SMS Menu Snapshot

Read SMS Messages.Read Last SMS Messages Received.

Send SMS Message.Enter the SMS Send Menu.

Exit To Main.Return to the Main Screen.

Read SMS Messages



Figure 3. SMS Read Menu Snapshot

Box Descriptions

FROMSMS address of sender.

SENTTime and date SMS message was sent.

MSG[]The message that was sent.

Icon Description



View previous message.



Scroll down one line in the message.



Exit the SMS read menu.



Scroll up one line in the message.



View next message.

Send SMS Message

First enter the telephone number the message will be sent to. Note that the telephone number does not include any hyphens, parentheses, or spaces.



Figure 4. SMS Enter Phone Number Snapshot

Then enter the message to be sent.



Figure 5. SMS Enter Message Snapshot

Once the message is entered, the SMS menu will appear to display the status of the message being sent.

System Configuration Menu



Figure 6. System Configuration Menu Snapshot

- Backlight**Toggles backlight on and off.
- Set Contrast**Selects the contrast adjustment menu.
- Toggle Ring**Enables/disables buzzer whend message is received.
- Auto-Respnse**Enables/disables auto response to received message.
- Auto-Resp Msg**Allows for entry of auto response message.
- Exit** Returns you back to the main screen.

SMS/LED Control Commands

You may enter the following commands on your SMS-capable phone (or via T-Mobile's Web site) to control the LEDs on the RCM3200 Prototyping Board connected to the OP7200 (ALL IN UPPER CASE).

- L1 ON** Turn on LED 1 for 10 seconds.
- L2 ON** Turn on LED 2 for 10 seconds.
- L3 ON** Turn on LED 3 for 10 seconds.
- L4 ON** Turn on LED 4 for 10 seconds.
- LA ON** Turn on all LEDs for 10 seconds.

The following reply will be sent back to the caller upon completion.

LED COMMAND COMPLETED SUCCESSFULLY

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