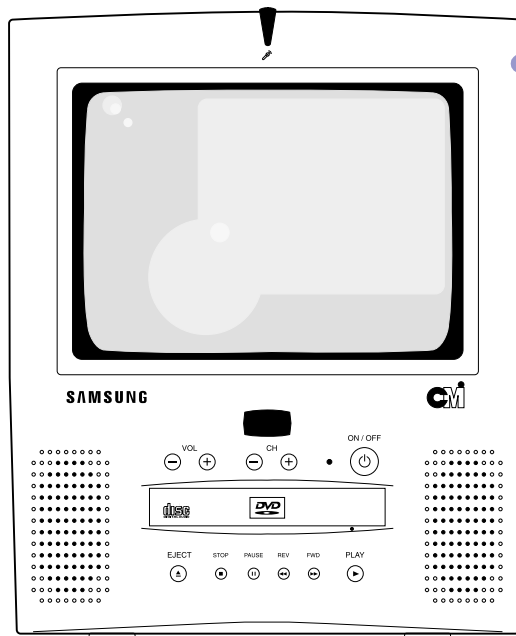




- email
- internet
- monitoring
- security
- music
- DVD video
- TV

Owner's Manual

Contacting CMi Worldwide

All of us at CMi Worldwide are committed to excellence in our products and services. Your input is important to us, especially if questions or problems arise. Please phone, write, or email with your concerns and our team will strive to resolve each issue to your ultimate satisfaction.

You can reach us at:

Customercare@cmiworldwide.com

CMi Worldwide, 600 Stewart St., Suite 700, Seattle, WA 98101

Please refer to the warranty service card for additional information and phone numbers.



Table of Contents

1. Getting Started with the ICEBOX	page 6
Introduction	6
Unpacking the iCEBOX	7
Installing the batteries	8
Connecting cable TV or antenna	9
Connecting the phone line	10
Connecting to power	11
Optional connections	11
TV setup	12
Viewing the Welcome CD	13
2. Push Buttons and Connectors	page 14
TV/monitor front panel push buttons	14
TV/monitor rear panel connections	15
TV/monitor side panel buttons	16
Remote control - TV and CD functions	18
Remote control - Internet functions	19
Keyboard	20
3. Internet	page 19
Registration	19
Accessing Web sites outside the CMi Web portal	25
Error messages	25
4. Security and Monitoring	page 29
Monitor mode	29
Security mode	29



5. Troubleshooting	page 30
6. Privacy Policy	page 31
Scope of the privacy policy	31
Personal identification information	31
Cookies	32
Privacy of children	32
How we use and disclose your information	33
Other sites	33
Security information	33
7. Specifications	page 35
Appendix	page 37
Analog vs digital phone lines	37
Advantage 2000 printer compatibility	38
Caring for your Advantage 2000	38
Service	38
Cleaning	38

List of Figures

Figure 1. Unpacking the iCEBOX	page 7
Figure 2. Remote control battery installation	8
Figure 3. Keyboard battery installation	9
Figure 4. Cable/antenna connector	9
Figure 5. Phone cord with splitter	10
Figure 6. Phone connector	10
Figure 7. Power connectors	11
Figure 8. TV adjustment buttons (right side of TV/monitor)	12
Figure 9. TV/monitor front panel push buttons	14
Figure 10. TV/monitor rear panel connectors	15
Figure 11. TV/monitor side panel buttons	16
Figure 12. Remote control - TV and CD functions	18
Figure 13. Remote control - Internet functions	19
Figure 14. iCEBOX keyboard	20



1. Getting Started with the iCEBOX

Introduction

The iCEBOX® is a powerful, versatile, flexible entertainment and information appliance that gives you easy one touch access to:



TV, music, and video entertainment



Email and the Internet



Monitoring of security cameras

The iCEBOX is designed for simple, intuitive operation. To take advantage of the complete range of features it offers, take a few minutes to familiarize yourself with the information in this booklet. The next few pages explain how to:

- **Unpack the iCEBOX**
- Install the batteries
- Connect the TV cable or antenna
- Connect the phone line
- Connect to power
- Set up the TV
- View the Welcome CD

Getting Started



Unpacking the iCEBOX

Set the shipping container right side up and carefully open the top flaps (do not insert anything sharp through the top of the box). Remove the contents and verify that you have received everything listed below.

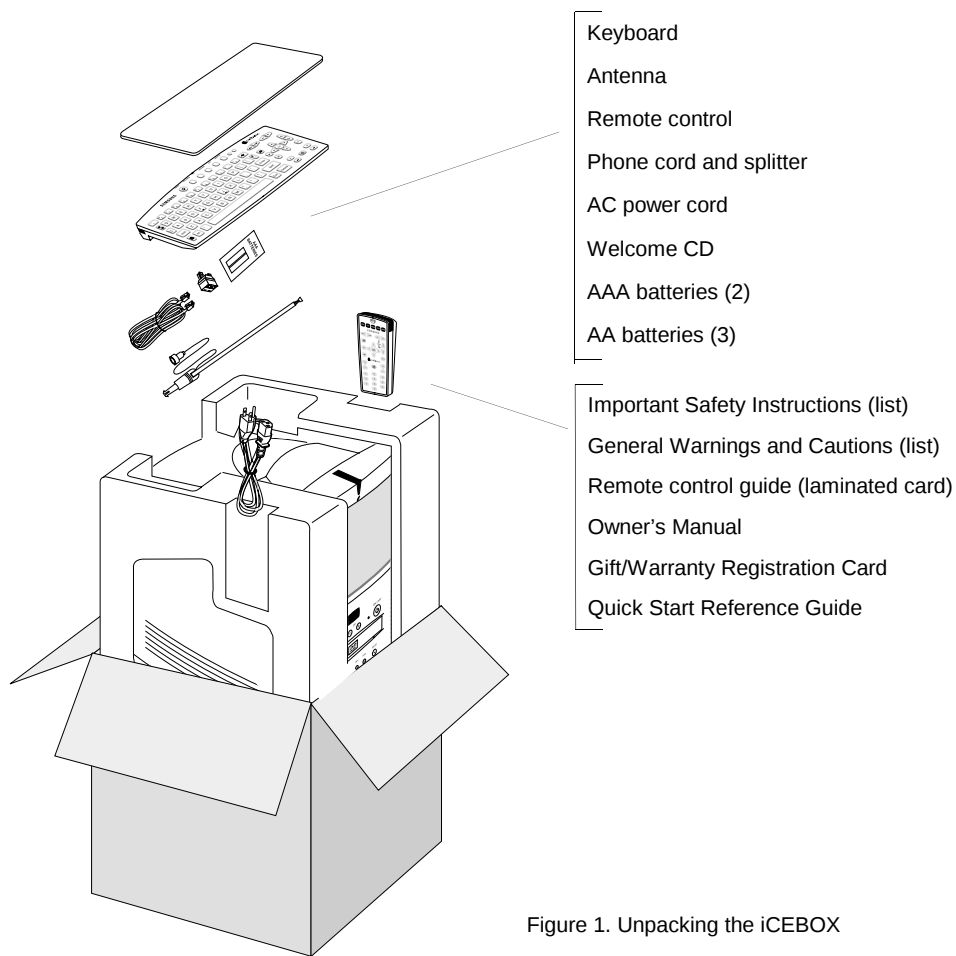


Figure 1. Unpacking the iCEBOX

Installing the batteries

Remote Control Batteries

The remote control requires two AAA batteries to operate (supplied). To install the batteries:

1. On the back of the remote control, remove the small screw in the center panel.
2. Install 2 AAA batteries (supplied). Place the negative end (-) on the spring.
3. Reinstall the battery cover. Make sure it is seated securely in order to maintain the waterproof seal. Install the screw so that the battery cover is firmly seated but do not over-tighten.

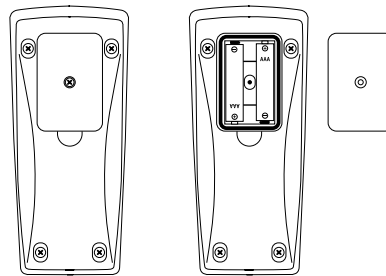


Figure 2. Remote control battery installation

Keyboard Batteries

The keyboard requires 3 AA batteries to operate (supplied). To install the batteries:

1. On the back of the keyboard, remove both screws.
2. Install 3 AA batteries (supplied). Place the negative end (-) on the spring.
3. Reinstall the rear panel. Make sure it is seated securely in order to maintain the keyboard's waterproof seal. Install the screws so that the battery cover is firmly seated but do not over-tighten.

Getting Started

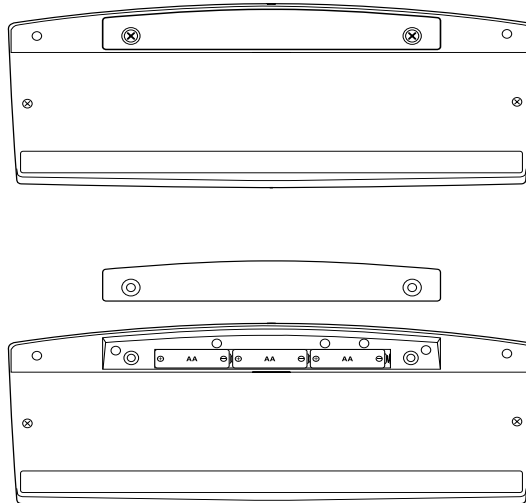


Figure 3. Keyboard battery installation

Connecting the TV cable or antenna

Screw your existing TV cable into the coaxial connector on the rear of the TV/monitor to enable cable programming. If cable service is not available, use the supplied antenna to enhance local broadcast reception. To use the antenna:

Insert the plastic base at the bottom of the antenna into the mounting hole on top of the unit.

Using firm pressure, plug the antenna connector into the ANTENNA/CATV connection.

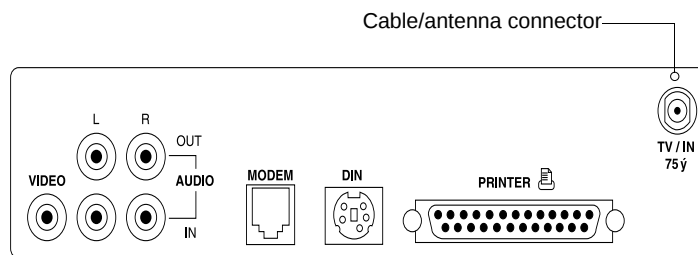


Figure 4. Cable/antenna connector (rear of TV/monitor)

Connecting the phone line

WARNING! DO NOT connect the iCEBOX to a **digital phone line**. Connecting the iCEBOX to a digital phone line will cause permanent damage to the unit.

Digital phone lines are mainly used in industrial and commercial settings. Most homes are wired with analog phone lines. Consult the Appendix of this manual for more information about digital and analog phone lines. If you aren't sure what type of phone line you have, *contact your phone company*.

Your phone line is your connection to the Internet. To access these features, insert one end of the supplied phone line into the phone connector on the rear of the TV/monitor. Insert the other end into an existing phone line with a dial tone.

If you wish to connect your regular phone line and the iCEBOX to the same phone jack, use the phone splitter provided. To connect both lines to one jack:

1. Unplug your regular phone cord.
2. Plug the splitter into your phone jack.
3. Plug your telephone's line into one side of the splitter and plug the iCEBOX's phone line into the other side of the splitter.

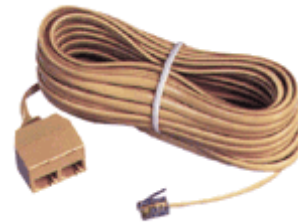


Figure 5. Phone cord with splitter

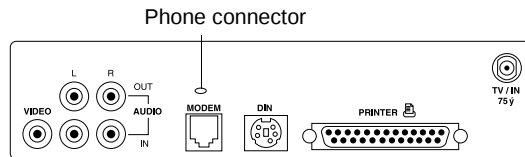


Figure 6. Phone connector (rear of TV/monitor)

Getting Started



Connecting to power

The iCEBOX operates with normal household electrical current: 120Vac 60Hz. The 120Vac power cord is supplied with your iCEBOX.

To use the iCEBOX with 120 Vac household current, plug the supplied AC power cord into the AC connection on the rear panel of the TV/monitor and plug the other end into a wall socket.

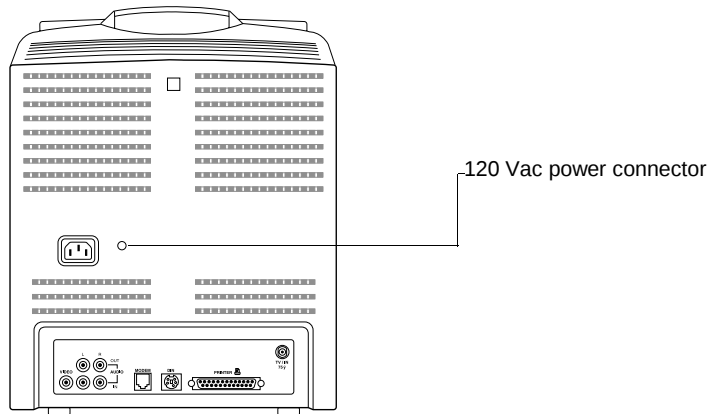


Figure 7. Power connectors (rear of TV/monitor)

Optional Connections

The iCEBOX may be connected to a PCL 3-compatible printer. Refer to the Appendix for printer specifications and a list of compatible printers. The printer connector is located on the rear of the TV/monitor (see Figure 10).

To provide security functions, the iCEBOX may be connected with previously installed electronic locks and intercom speakers. The lock and intercom speaker connectors are located on the rear of the TV/monitor (see Figure 10). For more detailed information about security features, please consult your warranty service card.



TV setup

The first time the iCEBOX is turned on (or after it has been unplugged), it takes about 5 seconds to setup and program itself. Once it has finished, you will be able to access all of the iCEBOX features.

You can adjust the autoprogramming settings by using the Options button on the remote or keyboard:

1. Under Options, select TV CHANNEL SETUP. Select the ANTENNA or CABLE option by pressing GO. Select ANTENNA if cable service is not available. Select CABLE to view cable-supplied programming.
2. To automatically scan and store all available TV channels, press the "Options" key, select TV CHANNEL SETUP, and select AUTOSCAN CHANNELS. When Autoscan is complete, press the "Go" key and then "Options" key to exit.
3. To manually add or erase channels in memory, press the "Options" key and select TV CHANNEL SETUP. Select EDIT CHANNEL LIST. To delete a channel, press that number on the keyboard and then hit the zero or "0" key. To add a channel, press that number on the keyboard and press the "Enter" or "Go" key.

To erase a previously stored channel number, for example, channel 8: Press 8 and then 0 (zero key) and then press enter.

To add an unstored channel number, for example, channel 8: Press 8, screen will say Add Program 8, and press "Enter."

4. To allow all channels to be viewed, press the "Options" key, select TV CHANNEL SETUP, and CLEAR CHANNEL LIST. Press "Enter" to complete.



Viewing the Welcome CD

The Welcome CD provides a complete and entertaining guide on how to set up and use the iCEBOX. To view the CD:

1. Press EJECT (on the monitor) to open the CD tray. Insert the Welcome CD label side up.
2. Press PLAY on the TV, or DVD on the remote control or keyboard.

The welcome CD begins to play automatically. If you wish, press NEXT ►► to skip the introductory material and go directly to the main menu.

3. At the main menu, press the numbered key on the remote control or keyboard that corresponds to the menu number of the program you want to watch.

While viewing a CD, you may switch to TV or Internet mode at any time by pressing the corresponding buttons on your remote control or keyboard. The CD pauses until you return to CD mode.

Tips on Inserting and Handling CDs

When inserting a CD in the CD tray, make sure that the CD is positioned in the center of the tray with the printed side facing up. If the CD is positioned incorrectly after the tray door closes, the CMi logo is displayed, followed by the message: PRESS PLAY or CD.

Make sure the CD remains clean and free of dirt and moisture. If necessary, wash the CD with a solution of mild soap and warm water. Do not scrub the CD surface with any abrasive material.

2. Push Buttons and Connectors

This section provides detailed descriptions of the push buttons and connectors on the iCEBOX TV/monitor, remote control, and keyboard. These controls and connectors allow you to access and control all the features of the iCEBOX: television, CD/DVD player, Internet, and security monitor.

TV/monitor front panel push buttons

The front of the TV/monitor is shown in Figure 8, below:

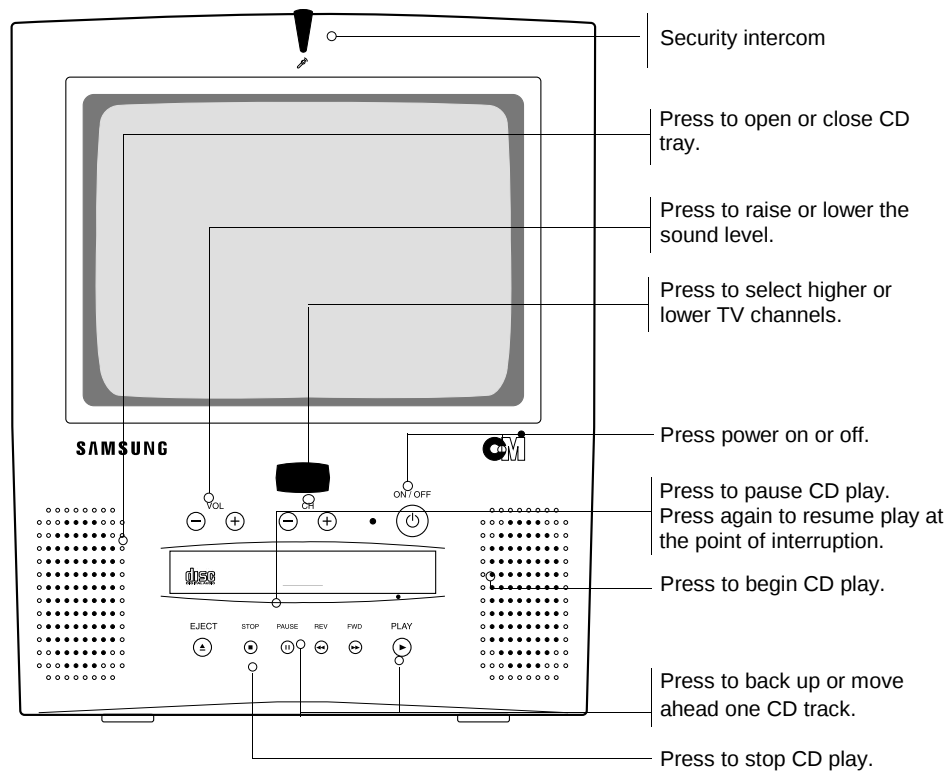


Figure 9. TV/monitor front panel push buttons

TV/monitor rear panel connectors

The rear panel of the TV/monitor is illustrated in Figure 10, below.

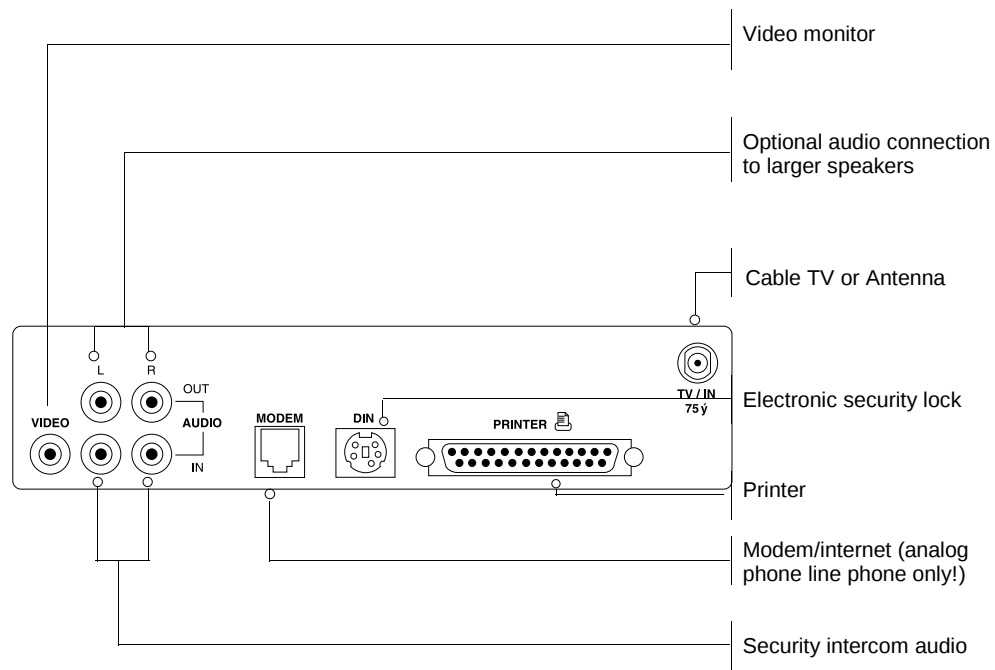


Figure 10. TV/monitor rear panel connectors

Remote control - TV and CD functions

The iCEBOX remote control is omnidirectional and waterproof. The remote is illustrated in Figure 12, below with button functions for TV and CD modes. Unidentified buttons do not function in TV and CD modes. You may also refer to the Remote Control Quick Reference Card for more information about using the remote control.

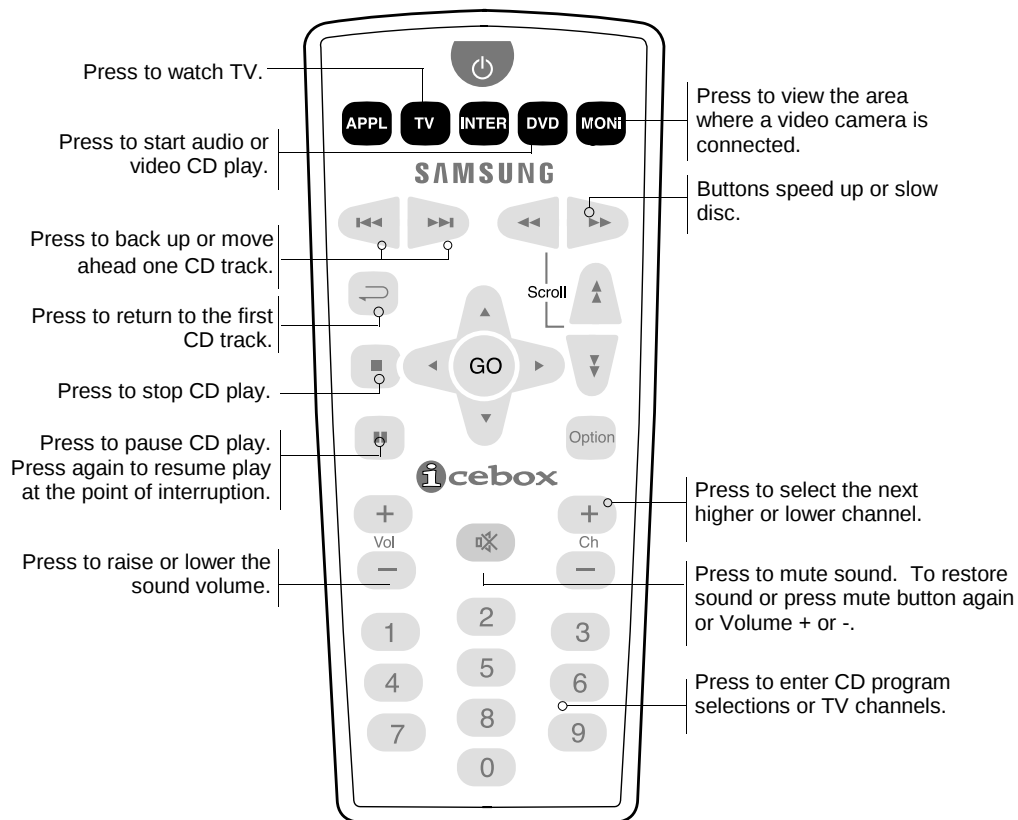


Figure 12. Remote control, TV and CD mode functions

Remote control - Internet functions

The remote control is illustrated below with button functions for Internet mode. Unidentified buttons do not function in Internet mode. You can also refer to the Remote Control Quick Reference Card for more information about using the remote control.

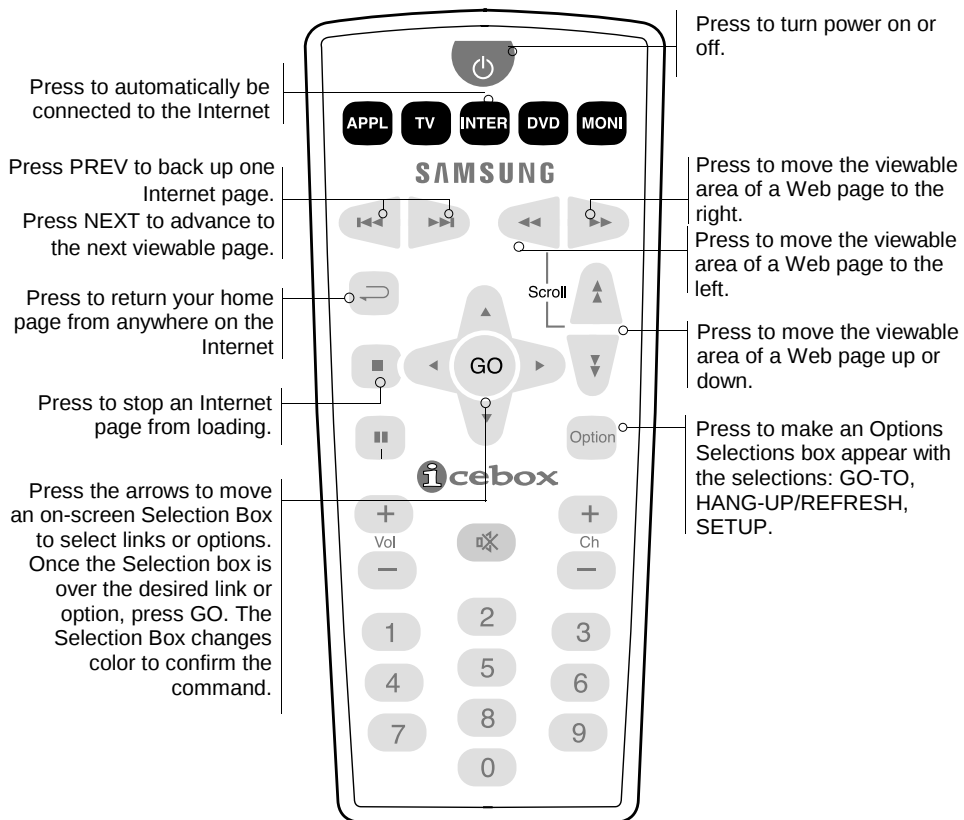


Figure 13. Remote control, Internet functions



Push Buttons and Connectors

Keyboard

The iCEBOX comes with a full-size wireless, omnidirectional, QWERTY keyboard. The keyboard's patented design is rugged and waterproof, making it ideal for kitchen use. In addition to using the keyboard to type messages, the Mode keys (across the top of the keyboard) and the keys below the iCEBOX logo duplicate the functions of the corresponding remote control keys.

If a video camera and security devices are connected to the iCEBOX, you can:

- Press MONITOR to view a video camera display.

- Press TALK to talk on a security intercom.

- Press UNLOCK to unlock electronic locks controlled by the iCEBOX

Other special key functions:

- Press PRINT to print an Internet screen.

- Press ESC to instantly terminate any Internet function.

- Press TAB to move an on-screen Selection Box to the right or down one link or option at a time.

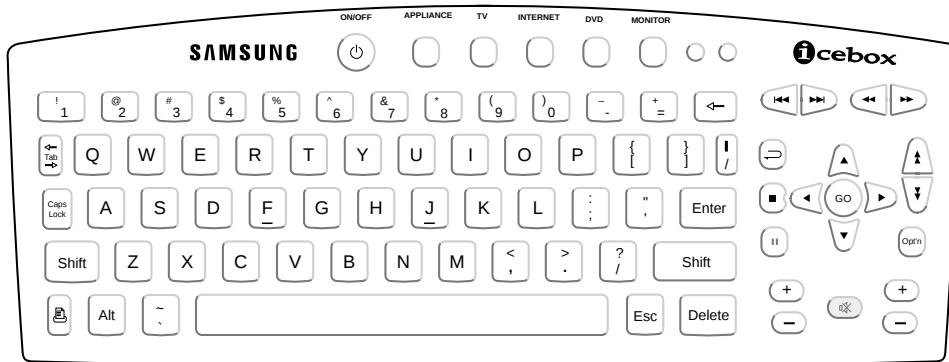


Figure 14. iCEBOX keyboard

3. Internet

Registration

Thank you for purchasing the iCEBOX. To access the Internet, you will have to sign up for Internet service. You will be required to enter a credit card number to pay for Internet service. Follow the instructions below to register your Internet account:

- To navigate through the registration form, use the arrow keys (▲ ► ▼ ◀) to move up, right, down, or left, respectively.
- Use the numeric keys on your keyboard to enter your credit card number.

FIRST NAME: Type your first name. Press ▼ to move to the next field.

LAST NAME: Type your last name. Press ▼ to move to the next field.

HOME PHONE: Type your area code. Press ► and type your phone number then press TAB to move to the next field.

INCLUDE AREA CODE WHEN DIALING?: If you are required to use ten digits to make a local telephone call, choose YES. If you need only seven digits to make a local call, choose NO. To make your choice, press GO and ▼ for YES or NO. When your choice appears, press GO. Press ▼ to move to the next field.

BIRTH DATE: Press GO and then ▼ to find your birth month. When your birth month appears, press GO. Press ► to move to next field. Type your day of birth. Press ► to move to next field. Type your year of birth. Press ▼ to move to the next field.

GENDER: Press GO. Choose gender, press GO. Press ▼ to move to the next field.

CONTINUE: Press GO.

ADDRESS: Type your street address. Press ▼ to move to the next field.

CITY: Type your city. Press ▼ to move to the next field.



Internet

STATE: Press GO and then ▼ or press the first letter of your state to find your state. Press GO to choose your state. Press ▼ to move to the next field.

POSTAL CODE: Type your zip or postal code. Press ▼ to move to the next field.

COUNTRY: Press GO. Press ▼ to find your country. When you find your country, press GO. Press ▼ to move to the next field.

CONTINUE: Press GO.

Accessing Web sites

1. Press the OPTIONS button on your keyboard or remote.
2. Select GO TO and press GO.
3. Type the Internet address and press GO.
4. When your website appears, use the scroll buttons ▲ ▼ and REV ◀◀ or FWD ▶▶ to navigate around pages.
5. To return to the home Page, press HOME on the remote control or keyboard.



Error Messages

The iCEBOX is not enabled for some Web sites which require proprietary software (for example Java or Shockwave). If you attempt to log on to one of these sites, you will receive an error message. You must press PREV on the remote control or keyboard to exit the site. However, error messages can occur at compatible Web sites. If you receive an error message from a compatible Web site:

1. First read the message to see if it offers any further instructions.
2. If there are no further instructions, press HOME to return to your home page.
3. If this still doesn't produce the desired result, press OPTIONS. The Options menu should appear. Move the Selection Box to "hangup" and press GO. This will disconnect you from the Internet. Press OPTIONS again to redial.
4. If you're continuing to have problems, refer to your warranty service card for further information.



4. Security and Monitoring

Monitor Mode

Monitor mode allows you to view live video input from anywhere a video camera is installed: for example the baby's nursery, or your front door. The iCEBOX is configured to accept one video camera or video lease (available at many electronics stores) without additional components.

To activate the monitoring feature:

1. Connect any video camera with a video out connection to the VIDEO INPUT connection on the rear of the iCEBOX's TV/monitor.
2. Select Monitor mode by pressing MONITOR on either the remote control or the keyboard.
3. Live images from the video camera will appear on the iCEBOX's monitor.

Security Mode

Security mode allows you to electronically unlock, talk with, and listen to someone at your door. This feature requires an additional accessory available from CMi and requires installation by an authorized service technician. For more information contact a customer service representative at 1-800-897-8554.

5. Troubleshooting

Error Screens: While using the Internet you will periodically come across screens that read “Error” followed by the type of error. In these cases you may either press GO on the remote control or the keyboard, and try again, or repeat your previous action.

You will receive an error screen on sites that utilize web technologies that the iCEBOX does not support, such as Shockwave, Java Script, Flash, etc.

Unit Freezes: If your iCEBOX should freeze (unit will not respond to user input when you use keyboard or remote) turn the unit off, unplug it for a moment, and then turn the unit back on. Call technical support if problems persist.

Internet Connect Failure/Error Connecting to Internet: If your unit has problems dialing or connecting, turn the unit off, unplug it for a moment, and then turn the unit back on. Call technical support if problems persist.

Be sure to verify the following:

1. Make sure voice mail (if you have this service) is not interfering. The message waiting tone will interrupt the dialing process.
2. Check your phone jack to verify the unit is properly plugged in.
3. Does your phone system require you to dial a prefix (e.g., “9”)? The setup screen, found under the OPTIONS key, allows you to add this requirement.

Email Attachments: The only attachments you can receive through the iCEBOX are images or pictures (must be a .jpeg or .gif type of image).

6. Privacy Policy

CMi is committed to protecting the privacy and security of iCEBOX users. This privacy policy will advise you about how we protect your personal information and address your potential concerns over the use of this information. We may need to change this policy from time to time in order to address new issues and changes in our product. We will notify you of these changes. Please refer back to this policy regularly. If you have any questions or concerns about your privacy, please contact us through email at privacy@cmiworldwide.com.

Personal identification information

CMi will never intentionally disclose any personal identification information about you as an individual user, such as your address, name, or telephone number. We may request personal identification information for the use of our services. We have two exceptions to this policy:

1. We will release specific information about your account to comply with any valid legal process, such as a search warrant, subpoena, statute, or court order.
2. We will release specific information in special cases, such as when there is a physical threat to you or others.

emailing us at privacy@cmiworldwide.com.

Privacy of children

We urge all parents to participate in their children's Internet and online experience. Please teach children about protecting their personal information while online.

Privacy Policy



Other sites

If you should give out personal information online, through bulletin boards or other web sites, that information can be used by third parties. You disclose information in these areas at your own risk. We encourage you to investigate and ask questions before disclosing information to third parties.

Security information

Protecting your privacy and information is a priority of CMi. We have taken careful measures to secure both our information and our physical premises. We exercise great care in providing secure transmissions of your personal information from your unit to our servers. Our server software encrypts information, which is intended to ensure all CMi transactions remain private (unless sent by an unsecured means such as email). We also make use of firewalls and Secure Socket Layers where appropriate.

Notwithstanding our use of technology to provide appropriate security, in this time of rapidly changing technology, any responsible internet related business must recognize and acknowledge that there are individuals and even businesses that may attempt to use unethical or illegal means to access information or disrupt communications.

Therefore, (at our lawyers' insistence) we must advise you that no security system is perfect and that your use of the iCEBOX product constitutes a waiver of any claim against CMi for direct, consequential and all other damages arising from the unauthorized access, use, or disclosure of information maintained on our systems, unless such damages are due to our intentional wrongdoing or gross negligence.



Specifications

7. Specifications

Size:	11.63 in x 12.80 in x 12.20 in
Weight:	22 pounds (10 kg)
Environment:	Operating Temperature 0°C to 45°C (32°F to 113°F) Storage Temperature -20°C to 60°C (-4°F to 140°F)
TV Case:	Injection molded, high impact ABS plastic.
Remote Control Case:	Injection molded, high impact ABS plastic.
Power Source:	120Vac, 60Hz
Switch Controls:	On/Off, Channel +/-, Volume +/-, Play, Eject, Stop, Pause, Previous, Next,
Video Inputs/Outputs:	Coaxial CATV Antenna In (F-type jack), Stereo Audio In/Out (RCA type), Composite Video In/Out (CVBS), Video CD 2.0 and CMI Turbo 2.0
Telephone Connection	RJ-11
Internet Connection	56k V.90 Modem
Other Connections	Security lock, printer (PCL 3), intercom audio out
Display	9 inch viewable CRT Display

Specifications



Specifications (continued)

Keyboard Housing	Injection molded, high impact ABS plastic.
Keyboard Keys:	On/Off, TV, Internet, CD, Monitor, Talk, Unlock, Tab, Caps Lock, Shift, Print, Alt, Escape, Delete, Backspace, Previous, Next, Reverse, Forward, Home, Scroll +/-, Stop, Home, Pause, Options, Go (Multidirectional), Volume +/-, Channel +/-, Program direct select 1 – 9, Full Alpha/Numeric keyboard with punctuation.
Remote Control:	On/Off, TV, Internet, CD, Monitor, Previous, Next, Reverse, Forward, Home, Scroll +/-, Stop, Home, Pause, Options, Go (Multidirectional), Volume +/-, Channel +/-, Program direct select 1 – 9
Speakers	Two 3 inch speakers Resistance: 8 Ohms



Specifications

Appendix

Analog vs digital phone lines

There are two types of phone lines commonly available: analog and digital. Most homes are wired with analog phone lines. Digital lines are usually found in commercial and industrial sites. However, newer homes, apartments, and condominiums may be pre-wired with high speed digital phone lines.

All modems, including the modem in the iCEBOX, require an analog phone line. Connecting a modem to a digital line will cause permanent damage to the modem.

To determine which type of line you have, look at the phone line connector. An analog phone connector is terminated with 2 or 4 copper wires. A digital connector is terminated with 6 or 8 copper wires. If you cannot determine for certain which type of phone line you have, contact your phone service provider.

If you have a digital phone line

In commercial buildings, apartment buildings, and condominiums, digital phone lines usually come from a "telephone switch" or PBX located in the building. These telephone switches will also support analog phone lines. The telephone system administrator can arrange for an analog phone line to be brought to your location from the local telephone switch.

If you live in a house wired with a digital line, you can arrange with your phone company to have an analog line brought into your home. In addition, many digital phone manufacturers offer inexpensive adapters that plug into the digital phone line and convert it to an analog line. These adapters usually work best at lower modem speeds.



iCEBOX printer compatibility

Only printers compatible with Hewlett Packard's PCL 3 printer language can be connected to the iCEBOX, for example, the HP DeskJet series, such as the HP DeskJet 840/842C.

Caring for your iCEBOX

Service

Do not disassemble the iCEBOX TV/monitor, remote control, or keyboard. There are no user-serviceable components and dangerous voltages may be present. All service must be performed by an authorized service technician. Call 1.800.897.8554 between 8am and 5pm, Pacific time if your iCEBOX requires service.

Cleaning

Never use solvents or abrasive cleaners on any of the iCEBOX components.

TV/monitor: Clean the exterior plastic surface using a slightly damp sponge and mild detergent or dish soap. Clean the screen by first applying a small amount of glass cleaner to a lint free cloth.

Remote control and keyboard: The remote control and keyboard may be briefly immersed or rinsed off under running water. Use a soft, non-abrasive sponge and mild detergent or dish soap. **DO NOT put the remote control or keyboard in the dishwasher!**



Corporate Headquarters

CMI Worldwide
600 Stewart St, Suite 700
Seattle WA USA 98101
www.cmiworldwide.com
tel: 800.897.8554
tel: 206.448.0354
fax: 206.448.0359

CMI Worldwide and ICEBOX are registered
trademarks of CMI Worldwide.
Specifications subject to change without notice.
Printed in USA
©CMI Worldwide, August 2000
PN 121299A