

SVMi-2E INSTALLATION

The SVMi-2E was designed exclusively for the iDCS 16 KSU2. It will not work with any other Samsung Phone system.

iDCS 16 KSU 2 Software Compatibility

To operate the SVMi-2E in the iDCS 16 KSU2 you must have software release listed below.

■ iDCS16 KSU 2 T2.02 04.03.04 or later

iDCS 16 KSU 2 System Capacities

The iDCS 16 KSU 2 system can support 16 station devices.. The SVMi-2E card does NOT utilize any of the available station ports. Upon Initial power up, VM ports are automatically assigned station numbers 381 & 382 on the two port version and 381 - 384 on the 4 port version. This means that when a SVMi-2E card is installed in the iDCS 16 KSU 2 the system can still support a maximum of 16 station devices. This capacity includes keysets, any device connected to a keyset port, SLTs and keyset port, SLTs and keyset daughter boards. As the SVMi-2E card uses the AA/VM slot, the maximum number of trunks is not affected.

Hardware Description

SVMi-2E Main System

The SVMi-2E system is an in-skin voice processing system, that is designed exclusively for the iDCS 16 KSU 2. It can not be used in any other SAMSUNG product.

Only one SVMi-2E card can be installed in a iDCS 16 KSU 2 system.

Do not use another voice mail system in combination with the SVMi-2E. The main SVMi-2E system is a Single Board Computer with all related DSP circuitry embedded on it.

Back Plane Connectors

There are three back plane connectors to the phone system. Two connectors are at the top of the board and one is at the bottom.

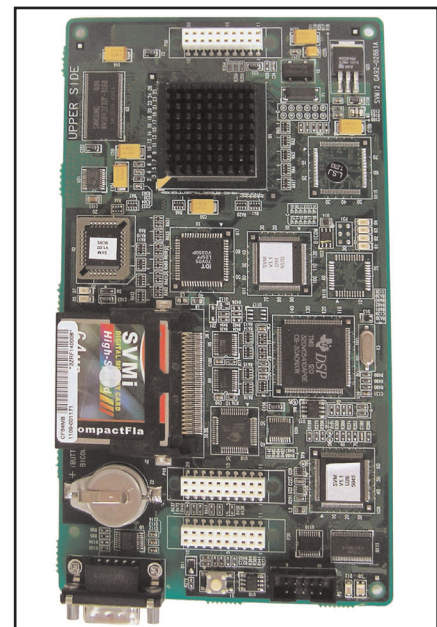
The Serial Interface

On the front/top of the card there is a single DB9 connector. The connector is called the SIO connector and can be used to connect a modem or PC to provide local or remote PC based administration. The use of this connector is optional and it is not necessary to have anything connected in order for the SVMi-2E to process calls.

Reset Button

The button located on the component side of the PCB just to the left of the SIO connector is the reset button. Pressing this will immediately restart the SVMi-2E system and will disconnect any calls in progress.

NOTE: Since pressing the RESET button during operation will disconnect all callers and immediately restart the SVMi-2E, it should only be used as directed. Pressing this button when the system is performing Disk I/O could result in data loss or file corruption. This button should not be pressed if the SVMi-2E is actively processing calls.





i-Button (Optional)

The i-Button (a.k.a. upgrade key) is a small hardware device installed in the SVMi-2E i-Button Socket. It provides the license for two additional ports increasing the number of available ports from 2 to 4, and the number of mailboxes from 25 to 100.

The 2 port i-Button for the SVMi-2E card is available only from SAMSUNG.

NOTE: The SVMi-2E i-Button is proprietary to the SVMi-2E ONLY. It can NOT be used on any other SVM/SVMi "E" or non-"E" Series Products.



Compact Flash Adaptor (Connector)

This is the connector to install the Compact Flash storage device. The storage device is used to store all system programs and data as well as all Voice messages and greetings.



Data Storage Device (Memory)

The Data Storage device consists of Compact Flash (CF). The current size of this CF is 64 MB. This stores the Operating System, Application Software, and all the Prompts, Greetings, and Message Storage. The CF for the SVMi-2E is available only from SAMSUNG. To remove or insert the compact flash, follow proper shutdown and power down procedures making sure the iDCS 16 is off. Remove the SVMi-2E from the system and then remove the Compact Flash from the SVMi-2E by simply pulling it out.

Installing the SVMi-2E

Inspection

Unpack and inspect the unit for obvious damage. This card should be labeled SVMi-2E. If it is not, you have the wrong card.

Installation

The SVMi-2E card is mounted onto the iDCS 16 KSU2 motherboard using the 3 connectors designated as P8, P9, & P10 (also referred to as the AA or VM Option connectors) just to the left and adjacent to the trunk card. The SVMi-2E sits with the component side facing out, away from the main KSU PCB.

The first thing you should do before proceeding is to discharge any static electricity you may have gathered by touching a ground point such as the cover of the KSU Power Supply. When you have done this then check the power switch on the KSU and ensure that the switch is in the OFF position. Next position the SVMi-2E card over the three sets of extended pins and gently push the card in until it makes contact with the connectors. Press gently but firmly on the top and bottom of the face of the card until the card seats in its connectors. All the power that runs this self contained Voice Mail system comes from the phone system power supply. No special power considerations are necessary. The KSU can now be turned on.

The final step is to press the reset button on the front of the SVMi-2E.

SVMi-2E / Phone System Set Up

After inserting the SVMi-2E board and turning the power on there are some system options that should be set in order for the SVMi-2E to function correctly. These steps are performed in the iDCS 16 KSU 2. It is necessary to perform these at this time so that the SVMi-2E will initialize properly and synchronize its mailbox database with that of the key system. For more information on this see INITIAL SET UP.

ASSIGNING GROUPS All SVMi-2E ports installed must be assigned to a station group. Typically we suggest one of the last groups (though that is not required) 509, in MMC 601. The ports should be assigned as follows (by Default):

Port 1 = 381
Port 2 = 382
Port 3 = 383 (only if i-Button is installed)
Port 4 = 384 (only if i-Button is installed)

RING MODE Select either SEQUENTIAL or DISTRIBUTED ring mode in MMC 601. Sequential is suggested.

VMAA PORTS Confirm that all SVMi-2E ports are set for VMAA use in MMC 207. This will be done automatically. You are just confirming at this point.

AUTO ATTENDANT If you are using the SVMi-2E for Auto Attendant, use MMC 406 to set the desired trunk(s) to ring the station group assigned in MMC 601 (by default Group 509).

CALL FORWARDING If you are using SVMi-2E for Voice Mail make sure that all desired stations are forwarded to the station group assigned in MMC 601 (by default Group 509).

MAILBOX SET UP Use MMC 741 to select "NO" for each station that you DO NOT want to create a mailbox for.

NOTE: [See MMC references in the SVM/SVMi E-Series Programming Overview documentation for other MMCs that interact with the SVMi-2E.](#)

Testing the Hardware

1. Call each SVMi-2E port individually and confirm that it answers.
2. Call the station group assigned in MMC 601 and confirm that the SVMi-2E answers.

If steps 1 and 2 above proved to be successful you have completed the installation and setup of the SVMi-2E hardware.

You are now ready to begin programming the SVMi-2E Voice Mail/Auto Attendant System.

System Shutdown

Whenever possible the following procedure should be followed when shutting down the SVMi-2E system

From the main Status Screen (showing activity and port status):

1. Press 'Escape' and enter the password (0000 by default)
2. Select [G] for 'Operating Utilities'
3. Select [D] for 'Shutdown System'
4. Enter Administrator's password (0000 by default)

The SVMi-2E will now shut down. When the system shows a DOS command line you may power off the system and unplug the SVMi-2E.