

SKY DOWNLOAD (For With Video Link pack model)

- HOW TO DOWNLOAD SKY SOFTWARE TO THE DMSIS SKY RECEIVER -

< Basic requirement >

To update the Sky Software to your STB, you can select two(2) alternatives,

- RS232C Serial download
- Smart Card download

< Tips >

According to your equipment available, you can refer to..

If you want	And you have	And In case of your STB has	Refer to
RS232C Serial Download	PC and RS-232C cable		Below 1
Smart Card Download	Programmed Fun5Card	At least one scanned channels	2 -> (1)-> A
		No scanned channel	2 -> (1) -> B
	Programmed Fun4Card	At least one scanned channels	2 -> (2) -> A
		No scanned channel	2 -> (2) -> B

1. RS-232C Serial Download.

* Note : You may have 2 binary files, first_dl.bin and intern_dl.bin

(1) STB AC Power Off.

(2) Disconnect Antenna cable from STB.

(3) Connect your STB and PC with RS-232C Serial cable (com1, com2, ...)

(4) Execute Dmsis Downloader program and follow below instruction.

Step 1) first_dl.bin download.

- 1) Click File Open and Select "first_dl.bin" file.
- 2) Select the Serial Port (Com1, Com2 ..)
- 3) Click Start button.
- 4) AC Power On (Downloading.. will take about 3 minutes)
- 5) Check "Success" message. (On the front panel LED. see "SUCC").
- 6) AC Power OFF.**
- 7) AC Power ON.(You can see "rEb-" on the front panel LED, or "OK now intern.b" on the TV screen)**
- 8) Go to next Step 2.

Step 2) intern_dl.bin download

- 1) AC Power Off.
- 2) Click File Open and Select "intern_dl.bin" file.
- 3) Select the Serial Port and Click Start button
- 4) AC Power On. (Downloading.. will take about 3 minutes)
- 5) Check Success message. (on the front panel LED. see "SUCC")
- 6) AC Power Off.

(5) Connect Antenna cable with STB.

(6) AC Power On.

2. SMART Card download.

* Note : You can use 2 x Fun4 Cards, or 1 x Fun5 Card.

You may have "Loader.hex" and "SC64.bin" files for Fun5 Card. or,
"Loader.hex", "SC32_1.bin" and "SC32_2.bin" files for Fun4 Card.

(1) In case of using 1 x Fun5 Card(EEPROM512)

- 1) Burn your empty Fun5 Card with "Loader.hex" and "SC64.bin" using programmer. (Loader.hex – Flash file, SC64.bin – External EEPROM file)
- 2) According to your STB's channel status, there are two(2) alternatives.

A. In case your STB has at least one(1) already scanned channel.

- a) AC Power Off, and **Disconnect Antenna cable from STB.**
- b) AC Power On.
- c) **Check "Bad or No signal" message on the TV**
- d) Insert the programmed Fun5 Card.
- e) After 1~2 Seconds, you will see Rebooting message
(On the front panel LED, see "rEb-", or "Please reboot !" on the TV screen)
- f) **AC Power Off, and take out the Card.**
- g) AC Power On again.
- h) **Check "Bad or No signal" message on the TV**
- i) **Insert the Fun5 Card again.**
- j) Downloading ... will take about 90 seconds
(On the front panel, see "P---", or "Download in progress, please wait..." on the TV screen)
- k) Check Success message.
(On the front panel LED. see "SUCC", or "Download ok, please reboot SetTopBox" on the TV screen)
- l) AC Power Off, and take out the Card.
- m) **Connect the Antenna cable with STB.**
- n) AC Power On.

B. In case your STB has no scanned channel.

(No need to disconnect the Antenna cable from STB)

- a) AC Power On.
- b) Insert the Fun5 Card.
- c) After 1~2 Seconds, you will see Rebooting message
(On the front panel LED, see "rEb-", or "Please reboot !" on the TV screen)
- d) **AC Power Off, and take out the Card.**
- e) AC Power On again.
- f) **Insert the Fun5 Card again.**
- g) Downloading ... will take about 90 seconds
(On the front panel, see "P---", or "Download in progress, please wait..." on the TV screen)
- h) Check Success message.
(On the front panel LED. see "SUCC", or "Download ok, please reboot SetTopBox" on the TV screen)
- i) AC Power Off, and take out the Card.
- j) AC Power On.

(2) In case of using 2 x Fun4 Cards(EEPROM256)

- 1) Burn your empty Fun4 Cards with "Loader.hex" and "SC32_1.bin" in the first card, and "Loader.hex" and "SC32_2.bin" in the second Card.

(Loader.hex – Flash file, SC32_1.bin and SC32_2.bin – External EEPROM file)

- 2) According to your STB's channel status, there are two(2) alternatives.

A. In case your STB has at least one(1) already scanned channel.

- a) AC Power Off, and Disconnect Antenna cable from STB.**
- b) AC Power On
- c) Check "Bad or No signal" message on the TV.**
- d) Insert the programmed first Fun4 Card (SC32_1.bin).
- e) After 1~2 Seconds, you will see Rebooting message.
(On the front panel LED, see "rEb-", or "Please reboot !" on the TV screen)
- f) AC Power Off, and take out the first Card.**
- g) AC Power on again.
- h) Check "Bad or No signal" message on the TV.**
- i) Insert the first Fun4 Card again.**
- j) Downloading ... *will take about 60 Seconds.*
(On the front panel, see "P---", or "Download in progress, please wait..." on the TV screen)
- k) Check to insert Next Card message.
(On the front LED, see "P2--", or "Please insert next Smart Card" on the TV screen)
- l) Insert the second Fun4 Card(SC32_2.bin).**
- m) Downloading ... *Will take about 30 Seconds.*
- n) Check Success message.
(On the front panel LED. see "SUCC", or "Download ok, please reboot SetTopBox" on the TV screen)
- o) AC Power Off, and take out the second Card.
- p) Connect the Antenna cable with STB.**
- q) AC Power On.

B. In case your STB has no scanned channel.

(No need to disconnect the Antenna cable from STB)

- a) AC Power On and Insert the first Fun4 Card. (SC32_1.bin)
- b) After 1~2 Seconds, you will see Rebooting message.
(On the front panel LED, see "rEb-", or "Please reboot !" on the TV screen)
- c) AC Power Off, and take out the first Card.**
- d) AC Power On again.
- e) Insert the first Fun4 Card again.**
- f) Downloading ... *will take about 60 Seconds.*
(On the front panel, see "P---", or "Download in progress, please wait..." on the TV screen)
- g) Check to insert Next Card message.
(On the front LED, see "P2--", or "Please insert next Smart Card" on the TV screen)
- h) Insert the second Fun4 Card (SC32_2.bin).**
- i) Downloading ... *Will take about 30 Seconds.*
- j) Check Success message.
(On the front panel LED. see "SUCC", or "Download ok, please reboot SetTopBox" on the TV screen)
- k) AC Power Off, and take out the second Fun4 Card.
- l) AC Power On.

3. Error Message

- 1) Invalid Smart Card(front. RE--) : Take out the Smart Card and insert again.

Enjoy...