

# VP-25A1 OS\_Image Update Manual (v1.0)



## 1. [ Software Required ] :

(1) OS\_Image

(2) boot.ini

Download the latest version of **OS\_Image** and **boot.ini** from the ICP DAS web site.

- ✓ VP-25A1: [ftp://ftp.icpdas.com/pub/cd/linpac/napdos/vp-2000/vp-25a1/os\\_image/](ftp://ftp.icpdas.com/pub/cd/linpac/napdos/vp-2000/vp-25a1/os_image/)

**vp25a1** \_ **x.x** .bin

Model                      Version

## 2. [ Preparation Steps ] :

(1) Preparation tools as below :

- ✓ USB card reader for microSD card × 1 (Fig.1)
- ✓ microSD card × 1 (Fig.2)



Fig.1 USB card reader



Fig.2 microSD card

### < Important Note about microSD Card >

1. Umount the microSD card before unplugging it.
2. Please do not power off or reboot the VP-25A1 while data is being written to or read from the microSD card.
3. The microSD memory must be formatted in the FAT/EXT2/EXT3 file system.
4. Scan and repair microSD card if necessary.

(2) Putting microSD card into USB microSD card reader, make a copy of the OS Image(ex: **vp25a1\_x.x.bin**) and **boot.ini** to microSD card under **/boot/** directory.

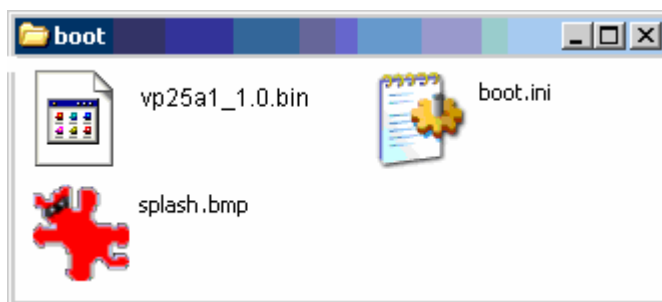


Fig. 3 contents of microSD card for VP-25A1

- (3) **Turn off the power**, and connect the **Ethernet cable** and **microSD card** to the VP-25A1.



Fig.4 microSD card

- (4) Then shift rotary switch to 2 (Refer to Fig.5)



Fig.5 Shift rotary switch to 2

### 3. [ Update Steps ] :

#### < Important Note >

1. Please pay attention to backup important files first before updating OS image.
2. Please DO NOT power off or reboot the controller during OS image upgrade, otherwise, it may result to a corrupt OS image and cause the controller not to work.

(1) **Turn on the power**, and wait for instructions in screen. Refer to Fig.6

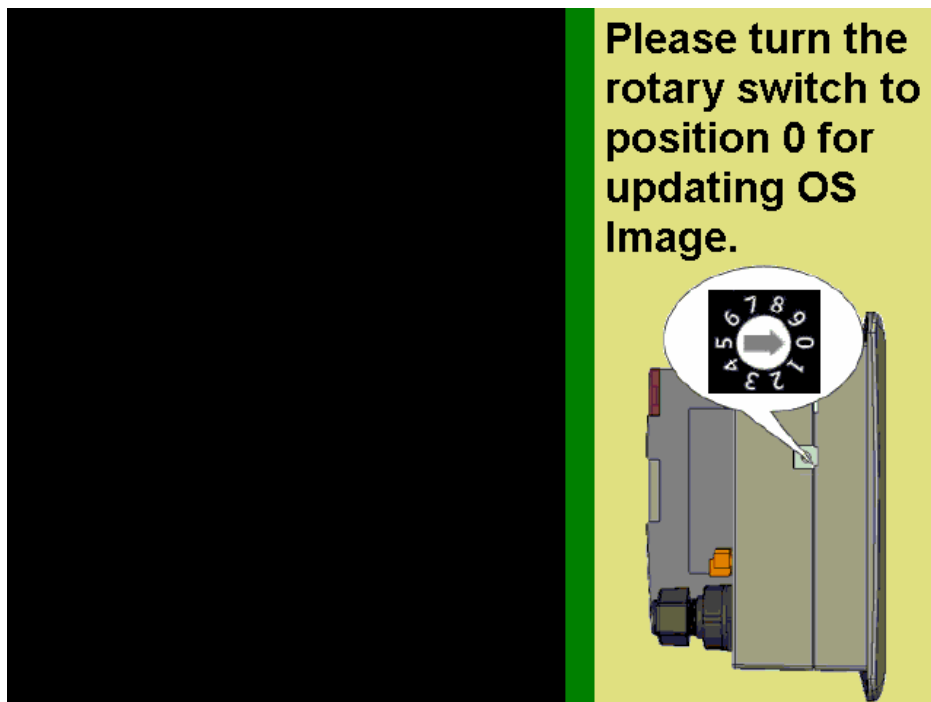


Fig. 6 Burning screen

- (2) Shift rotary switch to **0**, and start loading OS Image from SD card, then monitor the burning process on the VP-25A1. (Refer to Fig.7)

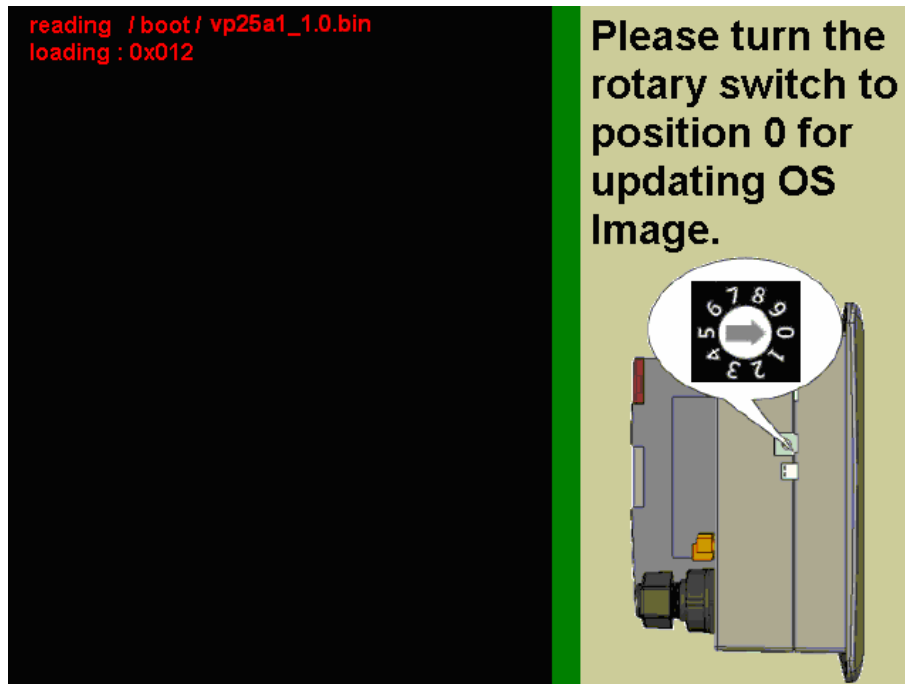


Fig. 7 Shift rotary switch to 0 and loading OS Image

- (3) To start burning OS Image. Refer to Fig.8 ◦

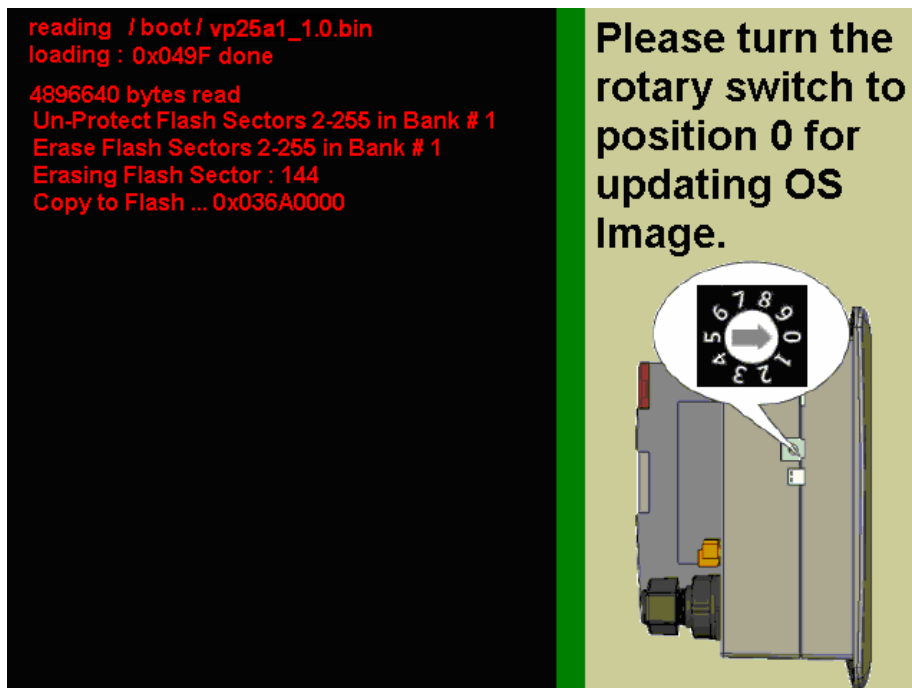


Fig. 8 Burning OS Image

Note: Burning OS image will probably take 15 - 17 minutes.

(4) After the update process is finished, the VP-25A1 will reboot automatically, and the total process is completed. Refer to Fig.9, 10 and 11.

Note: First boot up for about 3-4 minutes.



Fig. 9 Booting



Fig. 10 Booting

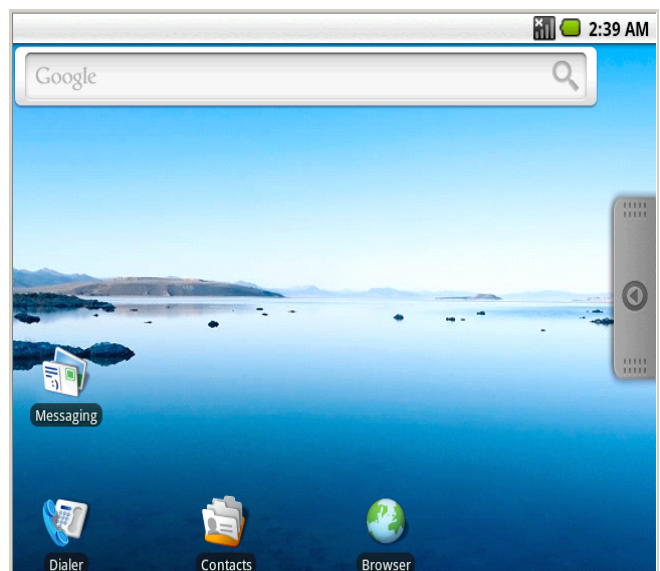


Fig. 11 Boot completely