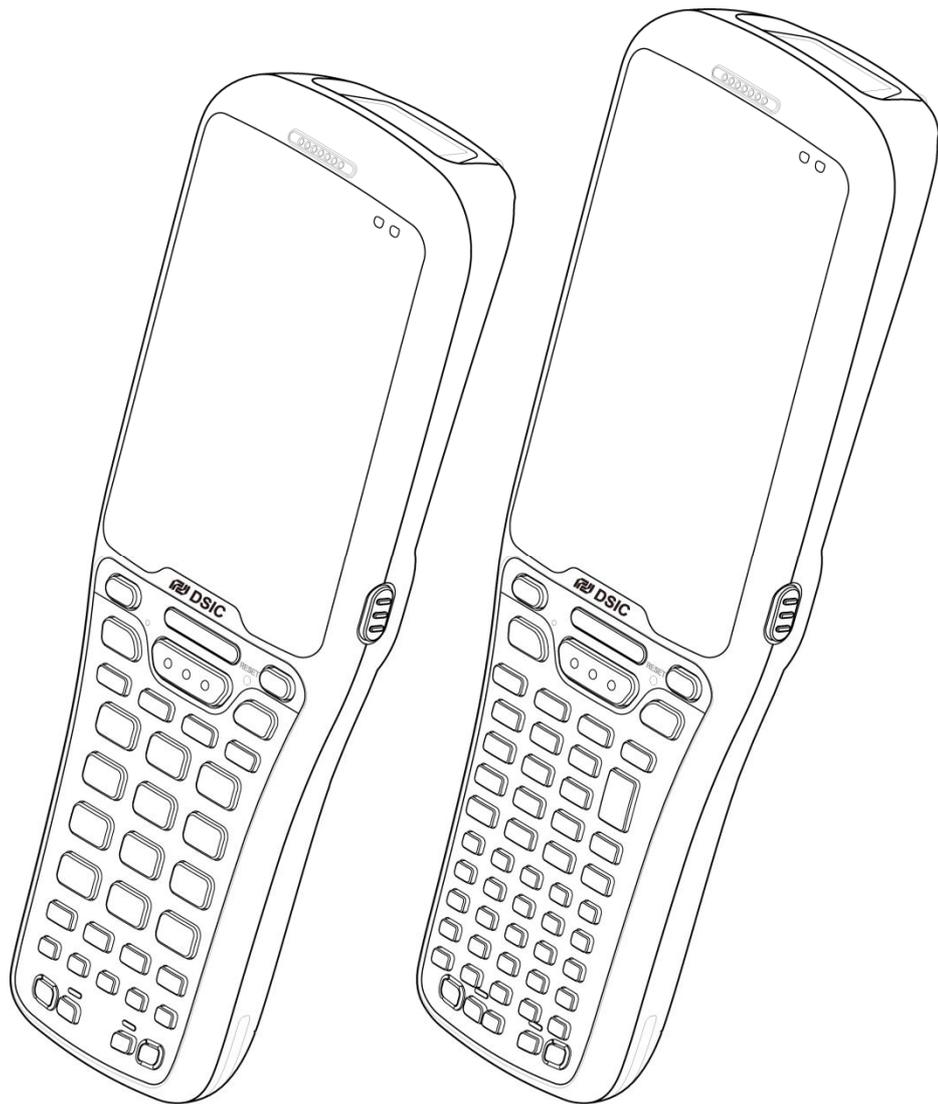


DS5 Series \_\_\_\_\_

# OS Update How-to

Windows CE6.0 and Windows Embedded Handheld 6.5 (Classic & Professional)

August 05, 2014



ISO 9001 Certified  
Quality Management System



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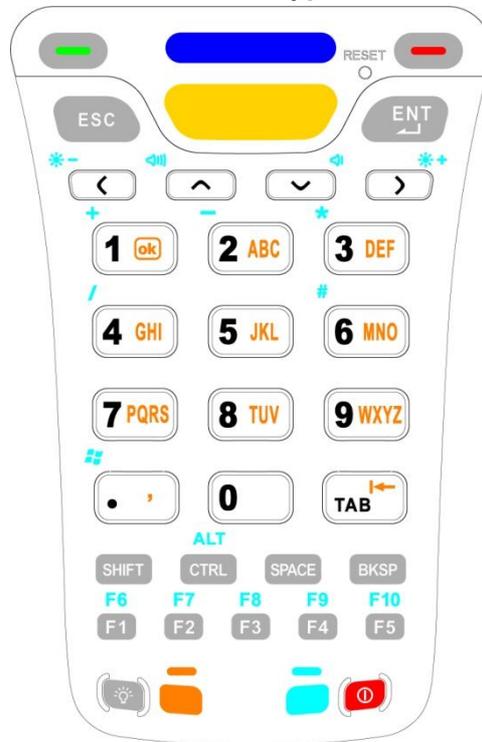
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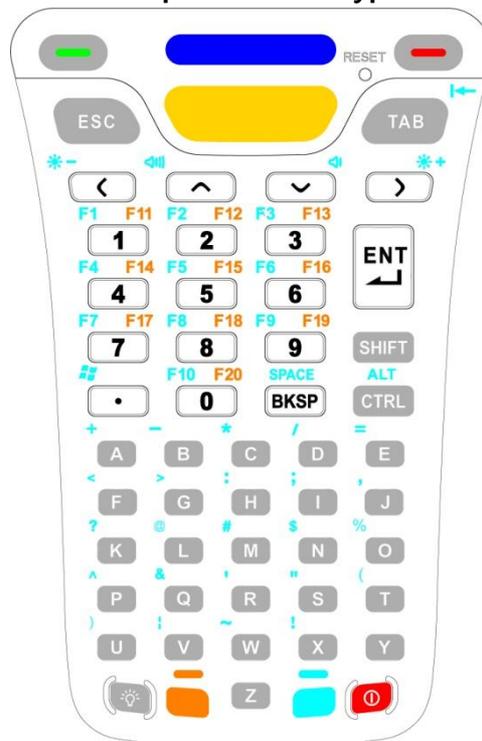
## Keypad

DS5 series comes with large numeric keypad including function 1~10, full alphanumeric keypad

### Numeric Keypad



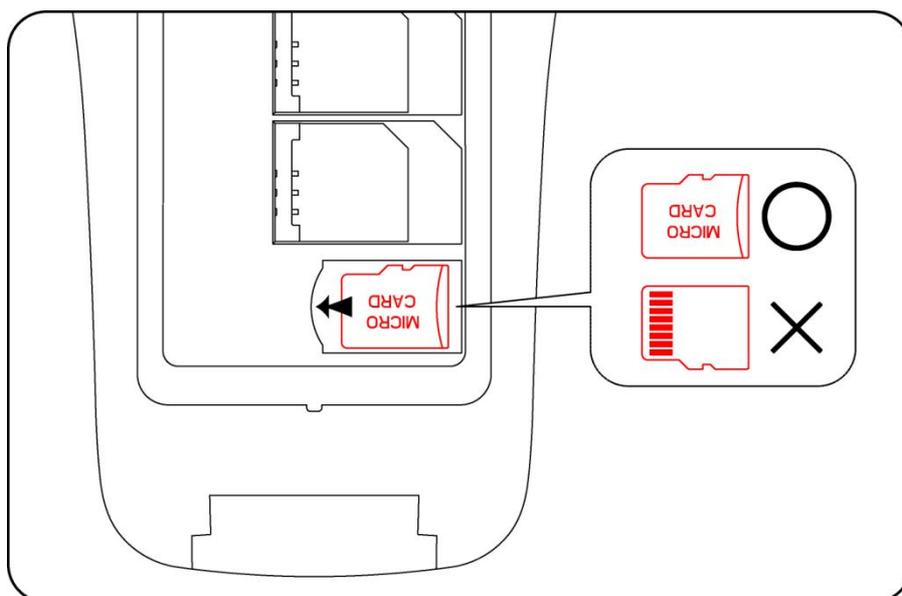
### Full Alphanumeric Keypad



## Chapter 2: Install Micro SD card

### Installation micro SD card

Insert the micro SD card carefully as shown in the following illustrations. Make sure the micro SD card terminal position before insert the micro SD card. Push the back end of the micro SD card to fix it at the last step.



#### Note

- Do not use the power too much when you insert the micro SD card. The micro SD card may be damaged
- If you install the micro SD card in the wrong position, the micro SD card may be damaged or it may cause the malfunction of the micro SD card Slot.
- Keep the terminal part of the micro SD card in clean. Be careful the terminal part of the micro SD card not to dusty
- As the micro SD card is consumable, the micro SD card end its days and may be not able to save data if you use it more than over certain times. In this case, replace micro SD card to buy a new one.

## Chapter 3: Operating Power of the Terminal

### Power On and Off

Make long press **Power button**  to turn on, or off the terminal.

Select **OK** confirmation message, when you make long press  to turn off the terminal

### Suspend and Resume

Press power button shortly to enter Suspend, or Resume the terminal

### Reset

If the terminal stops responding, try reset to kill running applications. To reboot the terminal press **RESET** button. Your data in storage will be retained in terminal while not saved data will be in lost.

## Chapter 4: Clean Boot

### Clean Boot

Cold boot also enables to kill all running applications. However, it deletes all stored data and entries in RAM. It makes the terminal to factory default status. Try Reset first if the terminal is not responding.



#### Caution

Clean boot set the terminal to factory default settings. All applications and stored data will be erased. Do not clean boot without your IT administrator's support.

Short press RESET button, while pressing  and  button simultaneously until DSIC boot image displayed.



#### Note

The following table presents the results for different types of booting

Type of boot	key	Registry	Nand folder	RAM (excepting Nand)
Factory reset	 +  , reset	Cleared	Cleared	Cleared
Clean	 +  , reset	Cleared	Retained	Cleared
Cold	 + Reset, (back up battery fully discharged)	Retained	Retained	Cleared
Warm	reset	Retained	Retained	Retained

## Chapter 5: OS Update How-To



**Caution** - When you use OS update with micro SD card, please make sure the card is formatted, and battery is fully charged.

### OS Update - Windows CE6.0/ WEH6.5/DS5/DS5 Wide respectively

1. Copy the firmware image to root folder of the SD card  
eg) Windows CE6.0 : DS5CN-OS-STND-1-XXXXQCS-2014-07-10-375.bin  
WEH6.5 : DS5MN-OS-GXQX-550.bin
2. Input micro SD card into terminal
3. While Pressing and holding   together, short press RESET key for a second to enter DSIC SD Download Screen.

When OS image file is copied and installed in complete, **DONE** will be displayed on the screen.

4. After **DONE** message, press RESET button to enter **Factory Reset** or **Clean Boot**.  
Your device will be restarted.

### OS Update from Windows CE6.0 to WEH6.5 (DS5)

1. Copy the WEH6.5 firmware images(boot & OS) to root folder of the SD card  
eg) DS5MN-BT-GXQX-550.nb0 (WEH6.5/DS5 boot)  
& DS5MN-OS-GXQX-550.bin (WEH6.5/DS5 OS)
2. Input micro SD card into terminal
3. While pressing and holding   together, short press RESET key for a second to enter DSIC SD Force Mobile Boot Download screen.

When boot image is copied and installed in complete, **DONE** will be displayed on the screen.

4. While pressing and holding   together, short press RESET key for a second to enter DSIC SD Download Screen. It will take a minute.

When OS image is copied and installed in complete, **DONE** will be displayed on the screen.

5. After **DONE** message like in above, press RESET button to enter **Clean Boot**.  
Your device will be restarted.

### **OS Update from WEH6.5 to Windows CE6.0 (DS5)**

1. Copy the Windows CE6.0 firmware images(boot & OS) to root folder of the SD card  
eg) ds5CeBoot-375.nb0 (Windows CE6.0/DS5 boot)  
& DS5CN-OS-STND-1-XXXXQCS-2014-07-10-375.bin (Windows CE6.0/DS5 OS)
2. Input micro SD card into terminal
3. While pressing and holding   together, short press RESET key for a second to enter DSIC SD Force WinCE Boot Download screen.  
  
When boot image is copied and installed in complete, **DONE** will be displayed on the screen.
4. While pressing and holding   together, short press RESET key for a second to enter DSIC SD Download Screen. It will take few minutes.  
  
When OS image is copied in complete, **100%** will be displayed on the screen.  
When OS image is installed in complete, **DONE** will be displayed on the screen.
5. After **DONE** message like in above, press RESET button to enter **Factory Reset**.  
Your device will be restarted.