



UPDATE TS2020 FIRMWARE VIA SD CARD

PRODUCT INFORMATION SHEET

INF104-04

UPDATE TS2020 FIRMWARE VIA SD CARD

Historically, we have used a 2GB micro SD card for this task, if at all possible, please use one of this size.

1. Format the SD card to FAT16 or FAT32.
2. Copy the contents of the FACT, FAMS or IPT folder in the **TS2020_SD_CARD.zip** file to the root of the SD card. The below example is for FAMS protocol terminals.

PLEASE NOTE: Please ensure you do a 'safe eject' when removing the card from computer.

3. Switch off the terminal.
4. Insert the SD card into the terminal.
5. Position link on the 'enter recovery mode' pins.
6. Power terminal up.
7. The terminal shows '**Calibrate the touchscreen**' - press '**No**'.
8. The terminal shows '**Test the touchscreen**' - press '**No**'.

If an update is available, the terminal should show:

Different BSL code available on uSD card

Existing version is: SO-BSL-xxx xx.xx
uSD version is : SO-BSL- yyy yy.yy

Do you want to replace?

Press '**Yes**'.

9. After a little activity and if an update is available, the terminal should show:

Different REC code available on uSD card

Existing version is: SO-REC-xxx xx.xx
uSD version is : SO-REC- yyy yy.yy

Do you want to replace?

Press '**Yes**'.

10. After a little activity and if an update is available, the terminal should show:

Different HAL code available on uSD card

Existing version is: SO-HAL-xxx xx.xx
uSD version is : SO-HAL- yyy yy.yy

Do you want to replace?

Press 'Yes'.

11. After a little activity and if an update is available, the terminal should show:

Different APP code available on uSD card

Existing version is: SO-SFM-xxx xx.xx
uSD version is : SO-SFM- yyy yy.yy

Do you want to replace?

Press 'Yes'.

12. The full update of all firmware components is now complete.

The terminal should show:

RECOVERY MODE

1) Delete HAL+APP
2) Rewrite HAL+APP
3) Clear NV RAM 9) Restart

13. Power the terminal down.

14. Remove the link from the 'enter recovery mode' pins.

15. Remove the SD card.

16. The terminal is likely to have lost most (if not all) configuration information.