

# Mango210 ICS 4.04 Tablet UI 적용

<http://www.mangoboard.com/>

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Crazy Embedded Laboratory

Document History

Revision	Date	Change note

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## 1. tablet ui 적용

### 1. Tablet or Phone UI 구성

```
/Boardconfig.mk
## Tablet
#BOARD_USES_HIGH_RESOLUTION_LCD := true

## Phone UI
BOARD_USES_HIGH_RESOLUTION_LCD := false
```

/m210\_ics404\_mrvl8787\_140108\_Rel/android/device/samsung/smdkv210\$ vi device.mk

device.mk 파일 오류가 있습니다.

아래와 같이 수정 및 추가한 후 풀 컴파일 하시기 바랍니다.

```
PRODUCT_PROPERTY_OVERRIDES := ₩
    ro.opengles.version=131072

ifeq ($(BOARD_USES_HIGH_RESOLUTION_LCD),true)
PRODUCT_CHARACTERISTICS := tablet

PRODUCT_COPY_FILES += ₩
    frameworks/base/data/etc/tablet_core_hardware.xml:system/etc/permissions/tablet_core_hardware.
xml

$(call inherit-product, frameworks/base/build/tablet-dalvik-heap.mk)

else
PRODUCT_CHARACTERISTICS := phone

PRODUCT_COPY_FILES += ₩
    frameworks/base/data/etc/handheld_core_hardware.xml:system/etc/permissions/handheld_core_ha
rdware.xml

$(call inherit-product, frameworks/base/build/phone-hdpi-512-dalvik-heap.mk)

PRODUCT_PROPERTY_OVERRIDES += ₩
    ro.sf.lcd_density=240
```

```
PRODUCT_AAPT_CONFIG := normal hdpi
endif
```

android\build\core\product\_config.mk

```
ifeq ($(PRODUCTS.$(INTERNAL_PRODUCT).PRODUCT_CHARACTERISTICS),)
#TARGET_AAPT_CHARACTERISTICS := default
#CRAZYBOY_20140317
TARGET_AAPT_CHARACTERISTICS := phone
```

위에 부분 phone를 tablet으로 변경

해도 안되서 아래와 같이 변경

/m210\_ics404\_mrvl8787\_140108\_Rel/android/device/samsung/smdkv210\$ vi device.mk

```
#ifeq ($(BOARD_USES_HIGH_RESOLUTION_LCD),true)
PRODUCT_CHARACTERISTICS := tablet

PRODUCT_COPY_FILES += #
    frameworks/base/data/etc/tablet_core_hardware.xml:system/etc/permissions/tablet_core_hardware.xml

$(call inherit-product, frameworks/base/build/tablet-dalvik-heap.mk)

PRODUCT_PROPERTY_OVERRIDES += #
    ro.sf.lcd_density=160

PRODUCT_AAPT_CONFIG := normal mdpi hdpi
#else
#PRODUCT_CHARACTERISTICS := phone

#PRODUCT_COPY_FILES += #
    frameworks/base/data/etc/handheld_core_hardware.xml:system/etc/permissions/handheld_core_hardware.xml

#$(call inherit-product, frameworks/base/build/phone-hdpi-512-dalvik-heap.mk)

#PRODUCT_PROPERTY_OVERRIDES += #
    ro.sf.lcd_density=160

#PRODUCT_AAPT_CONFIG := normal mdpi hdpi
#endif
```

변경 후 빌드후 확인 하였으나 안됨.

보드에서 /system/build.prop에

ro.build.characteristics=phone 이부분이 바뀌어야 하는 것 같은데....다시 확인