



IMAGE INSTALLATION GUIDE

VAB-600

Android EVK v1.2.2

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Revision History

Version	Date	Remarks
1.00	9/07/2016	Initial release



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1. Introduction

This Image Installation Guide explains how to boot the Android EVK system image on the VAB-600 board in order to begin evaluating the platform.

1.1. Package Contents

arm_201103_gcc4.5.2.tgz: is a toolchain, which is a set of software development tools for building images for the VAB-600 board.

VAB-600_Android_EVK_v1.2.2.zip: is a precompiled Android image for evaluating the VAB-600 board.

SmartETK_sample.apk: is the demo program of the Smart ETK.

1.2. Version Information and Supported Features

- U-Boot version: 1.1.4
- Kernel version: 3.0.8
- Evaluation image: Android Ice Cream Sandwich 4.0.3
- Supports SPI with eMMC as default boot device
- Supports HDMI or LVDS single display
- Supports HDMI audio output
- Supports Acmeport TFT-LCD resistive touch panel (through 4-wire interface)
 - Acmeport 7" TP070C01 LVDS panel (800×480)
- Supports AUO LVDS capacitive touch panels (through USB interface)
 - AUO 7" G070VW01 LVDS panel (800×480)
 - AUO 10.4" G104XVN01.0 LVDS panel (1024×768)
- Supports COM 1 debug connector
- Supports CIR
- Supports Line-out and Mic-in
- Supports USB: keyboard, mouse, flash disk, hard disk, and UVC camera
- Supports 10/100Mbps Ethernet
- Supports EMIO-1533 USB Wi-Fi module
- Supports EMIO-2550 miniPCIe Mobile Broadband module
- Supports system bar auto hide when set FULL_SCREEN
- Supports Smart ETK v1.2.0: Watchdog, GPIO, RTC wake-up, and UART



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