ARK-1388 PIC and Utility User Guide

Initiated by	Jay.Lo	**Signature**	Jay.Lo
Check by	Jay.Lo	**Signature**	Jay.Lo
Approved by	Stin.Liao	**Signature**	Stin.Liao

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written permission.

Release Status	Preliminary/ Formal Release	Revision	V1.0	Release Date	2009.03.30

A. Setup

1. Install the SUSI Driver for ARK-1388, when success the Device Manager shows the device as figure.1.

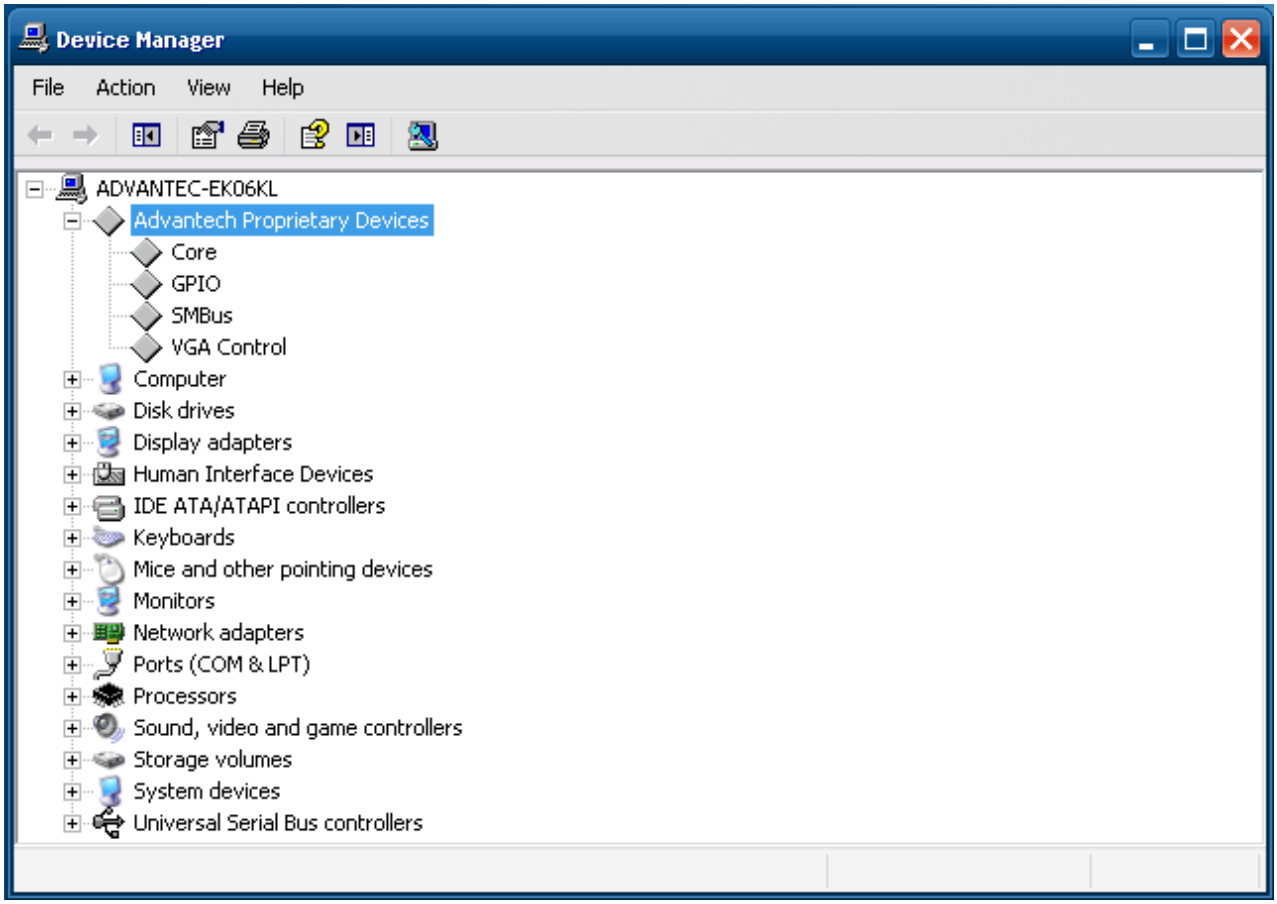


Figure.1

2. Execute the SUSIPic Demo for ARK-1388.

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written permission.

3. Press the “Settings… item”, it allow user to set the voltage and timer for vehicle power system.

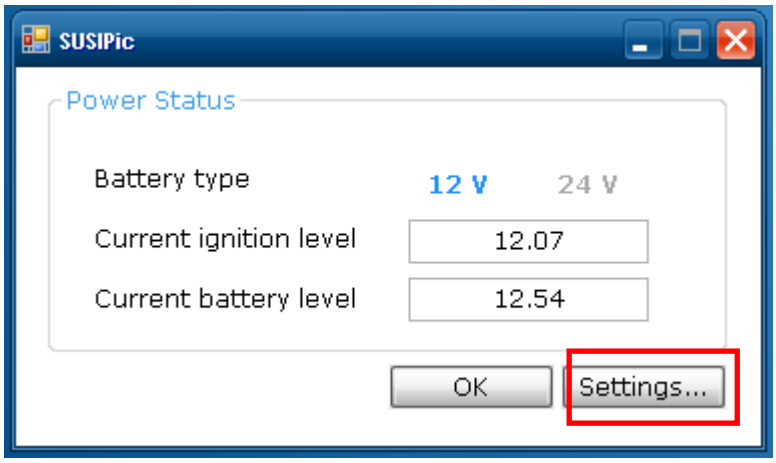


Figure.2

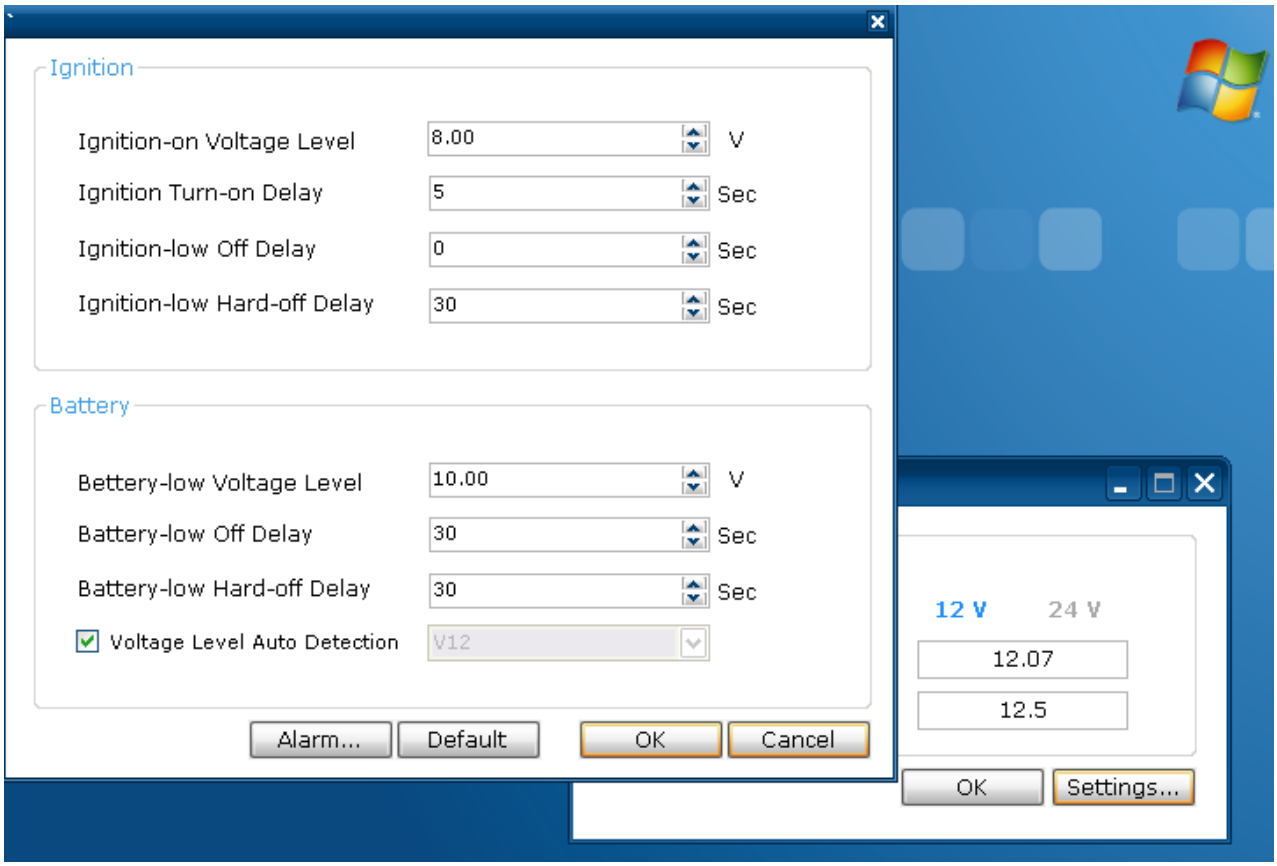


Figure.3

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written permission.

Ignition-on Voltage Level: The voltage level setting. When ignition voltage is exceeded this level, it turn on the system. Adjust the suitable voltage level of ignition-on by customer's application.

Ignition Turn-On Delay: The system turn on delay time.

Ignition-low Off Delay: The system turn off delay time setting when the Ignition is turn off.

Ignition-low Hard-off Delay: This setting is use to avoid the abnormal power off situation and consume the battery life. When user power off the system, it will cut off all of the power sources except the PIC power.

Battery-low Voltage Level: The voltage level setting. When battery voltage is exceeded this level, it allow user to turn on the system by ignition. Adjust the suitable voltage level of battery low voltage by customer's application.

Battery-low Off Delay: The battery low off delay time setting when the battery is under the limit.

Battery-low Hard-off Delay: This setting is use to avoid the abnormal power off situation and consume the battery life. When user power off the system, it will cut off all of the power sources except the PIC power.

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written permission.