

Setup Guide

DTKC16-IEM5

YIC System
CS Team
Rev. 0.0



YIC System Co., Ltd.

Setup Guide

Copyright © 2009 YIC System Co., Ltd.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electric or mechanical, or otherwise, without the prior written consent of YIC System.

TEL: +82-31-278-0461

Home Page: <http://www.yicsystem.com>

Printed in the Republic of Korea

Rev. History

Date	Update	Writer
2009.05.26	Create	R.S.W

1. Setup and Installation

1.1. Host PC Requirements

To interface with the **IM-500**, and to run the **CalmSHINE16** software, your host PC must meet the following requirements:

- MS-Windows 2000 /XP/ Vista (32bit)
- Hard disk drive with at least 100MB of available space.
- At least 256MB of available RAM
- USB port

1.2. Installing OPENice Software

1.2.1. S/W Installation Procedure

Under MS Windows, to install CalmSHINE16, follow this procedure:

1. Download the latest "CalmSHINE16" for Media from Samsung Semiconductor website (smart card development tool). The location can be changed without notice. There are several install packages. Please ask the Samsung FAE which package to install for your target device.
<http://www.samsung.com/CalmSDK> or
(http://www.samsung.com/global/business/semiconductor/products/microcontrollers/Products_Microcontrollers_SamsungDevelopmentTools_downloads.html)
2. Run the install package
3. Follow the installation wizard.
4. Reboot the host PC

For detail information, how to use CalmSHINE16 refer to the documents under "**..\Doc\CalmSHINE16Plus_Manual_IDE.pdf**" or "**..\PDF\CalmSHINE16_manual.pdf**"

1.3. Setting up OPENice Hardware

1.3.1. Install IM-500 USB Drive

After installing CalmSHINE16, you should install the IM-500 USB. To do it,

1. Connect the 5V power adapter to IM-500 and switch on (USB or EXT)
(Most of case, the power adapter is not required but some PC does not provide enough power through USB port. So, I recommend you to use the power adapter)
2. Connect IM-500 to the host PC with the included USB cable

Then, Windows requests to install IM-500 USB driver. Select "Specify the USB driver location"

IM-500 USB driver is under ".\ Driver\IM500 \"

**** Caution **:**

Please connect IM-500 directly to a host PC. DO NOT CONNECT IT THROUGH ANY USB HUB.

3. Reset the host PC.

1.3.2. IM-500 USB Drive setup example (Windows XP)

1. MS Window detects the USB connection and request to install the USB driver.
2. If "Welcome to the Found New Hardware Wizard" window appear,
Select "No, not this time" from the options available and then click "Next".
3. If "What do you want the wizard to do?" is asked, select "Install from a list or specific location (Advanced)" and then click "Next".
4. If "Please choose you search and installation options." is asked
Select "Search for the best driver in these locations" and browse to the folder where the USB driver has been installed and click "Next"
IM-500 usb driver: ..\ Driver\IM500
5. If Windows displays Microsoft WHQL certified driver warning window, click "Continue Anyway"
6. Reboot the PC after completion
7. Check that IM-500 driver is installed correctly in "Device Manager"

1.3.3. Dongle Driver for IM-500 (USB type)

1. When you connect the CalmDori to host USB port, MS window will detect it automatically.
If fail, install the latest Sentinel Protection Installer(<http://www.safenet-inc.com/support/tech/sentinel.asp>) and try again.