



Iris ID

iCAM T10 SDK Redistributable Guide

ver 1.04

October, 2012

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#### iCAM T10 SDK Redistributable Guide

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Document No. **IRISID71SDK-01-0901-0913**

Last Update: October, 2012

# Table of Contents

<b>1. Introduction</b> .....	4
<b>2. T10 SDK Redistributable files and folders</b> .....	4
2.1    x86 Redistributables .....	4
2.2    x64 Redistributables .....	5
<b>3. Device Drivers</b> .....	6
<b>4. SDK Components</b> .....	7
<b>5. 3<sup>rd</sup> Party Redistributables</b> .....	8
<b>6. Strategy</b> .....	8
6.1    Device Driver Installation .....	8
6.2    Install / Uninstall device drivers using “Driver Package Installer (DPInst)” .....	8
6.3    Install / Uninstall device drivers using Installshield “ Device Driver Wizard” .....	9
6.4    SDK Components .....	9
<b>7. Technical Support</b> .....	9

# 1. Introduction

## iCAM T10 SDK Redistributable Guide

This guide is intended to summarize the installation requirements for components of iCAM T10 SDK users.

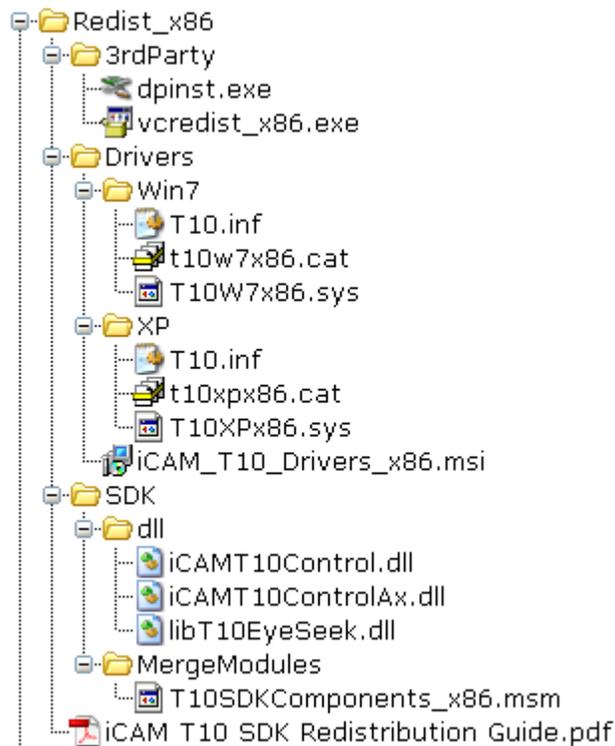
The Following components are covered in this document:

- Device Drivers
- T10 SDK Components
- 3<sup>rd</sup> Party Redistributables

## 2. T10 SDK Redistributable files and folders

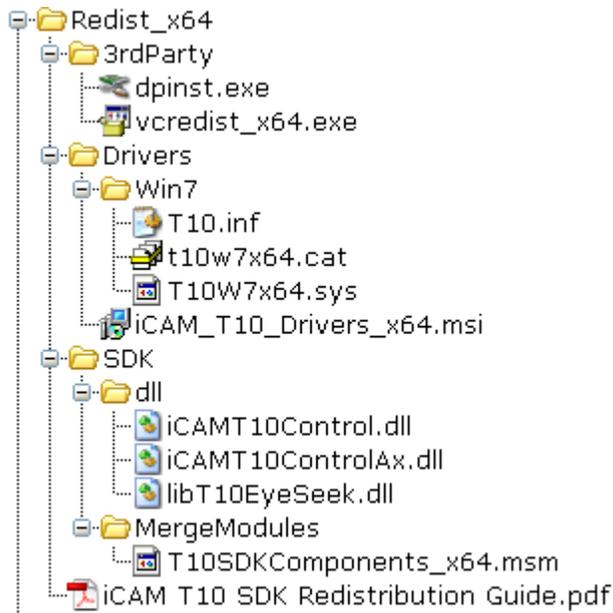
### 2.1 x86 Redistributables

The following image depicts the listing of distributable files and folders for x86 (32-bit) compatible Operating systems.



## 2.2 x64 Redistributables

The following image depicts the listing of distributable files and folders for x64 (64-bit) compatible Operating systems.



### 3. Device Drivers

The Following 32-bit (x86) device driver components are available for redistribution.

Device Driver Files	Location	Operating System	Platform
T10.inf t10xp86.cat T10XP86.sys	Redist_86\Drivers\XP	Windows XP	x86
T10.inf t10w7x86.cat T10W7x86.sys	Redist_86\Drivers\Win7	Windows 7	x86
iCAM_T10_Drivers_x86.msi (Installer)	Redist_86\Drivers	Windows XP & Windows 7	x86

The Following 64-bit (x64) device driver components are available for redistribution.

Device Driver Files	Location	Operating System	Platform
T10.inf t10w7x64.cat T10W7x64.sys	Redist_64\Drivers\Win7	Windows 7	x64
iCAM_T10_Drivers_x64.msi (Installer)	Redist_64\Drivers	Windows 7	x64

**Note:**

*iCAM\_T10\_Drivers\_x86.msi can be used on Windows XP, and Windows 7 as this package can install device drivers that are appropriate for the detected operating system in the target machine.*

*iCAM\_T10\_Drivers\_x64.msi can be used only on Windows 7 operating system and x64 platform.*

## 4. SDK Components

The Following T10 SDK x86 components are available for redistribution.

File name	File location	Target platform	Target directory (to be installed at)
iCAMT10Control.dll (Win32)	Redist_86\SDK\dll	x86	<INSTALLDIR>\iCAM_T10\SDK\dll
iCAMT10ControlAx.dll (COM)	Redist_86\SDK\dll	x86	<INSTALLDIR>\iCAM_T10\SDK\dll
libEyeSeek.dll	Redist_86\SDK\dll	x86	<INSTALLDIR>\iCAM_T10\SDK\dll

The Following T10 SDK x64 components are available for redistribution.

File name	File location	Target platform	Target directory (to be installed at)
iCAMT10Control.dll (Win32)	Redist_64\SDK\dll	X64	<INSTALLDIR>\iCAM_T10\SDK\dll
iCAMT10ControlAx.dll (COM)	Redist_64\SDK\dll	X64	<INSTALLDIR>\iCAM_T10\SDK\dll
libEyeSeek.dll	Redist_64\SDK\dll	X64	<INSTALLDIR>\iCAM_T10\SDK\dll

These SDK components shall also be redistributed by using the merge module package found in 'MergeModules' directory in the redistributables root directory. This merge module can be included (as a redistributable) in the parent installer package.

## 5. 3<sup>rd</sup> Party Redistributables

To redistribute iCAM T10 SDK, following third party components may also to be included.

- VC++ 2008 Redistributables SP1 [Vendor: Microsoft]
  - VC++ 2008 Redistributables SP1 x86 & x64 packages can be downloaded from the below links:  
<http://www.microsoft.com/en-us/download/details.aspx?id=5582>  
<http://www.microsoft.com/en-us/download/details.aspx?id=2092>
  - These redistributable packages can also be found in '3rdParty' in the respective (x86 or x64) redistributables root directories.
- Driver Package Installer v2.1 [Vendor: Microsoft]
  - Driver Package Installer v2.1 (DPInst.exe) can be found in '3rdParty' in redistributables root directory.
  - Driver Package Installer (DPInst) version 2.1 is a component of Driver Install Frameworks (DIFx) version 2.1 which is no longer available for download. To obtain the most current version of the DIFx Tools, download the Windows Driver Kit (WDK) from Microsoft download site.

## 6. Strategy

### 6.1 Device Driver Installation

**T10 device drivers can be installed any of the following ways:**

- Using MSI installer package (iCAM\_T10\_Drivers\_x86.msi or iCAM\_T10\_Drivers\_x64.msi).
  - These packages will create the following entries in 'Add/Remove Programs'.
    - 'iCAM T10 Drivers x86 v<driver\_version>' on x86 platform
    - 'iCAM T10 Drivers x64 v<driver\_version>' on x64 platform
  - This is a standalone installer and this does not require any other driver files for the installation.
- Using 'dpinst.exe' tool found in '3rdParty' directory.
- Using 'Device Driver Wizard' of Installshield.

### 6.2 Install / Uninstall device drivers using "Driver Package Installer (DPInst)"

MSI device driver installers (iCAM\_T10\_Drivers\_x86.msi or iCAM\_T10\_Drivers\_x64.msi) can be used in the main installer. Following command can be used to launch MSI installation.

To launch the installation in UI mode:

**msiexec /i <msi file path>**

To launch the installation in silent mode:

**msiexec /qn /i <msi file path>**

### 6.3 Install / Uninstall device drivers using Installshield “ Device Driver Wizard”

InstallShield is a tool for creating installer packages that provides a ‘Device Driver Wizard’ that simplifies the process of installing device drivers from a Windows Installer–based installation.

The below site (from Installshield) can be referred for more details about Installshield ‘Device Driver Wizard’.

<http://helpnet.installshield.com/installshield16helplib/DeviceDriverWizard.htm>

### 6.4 SDK Components

SDK components can be redistributed to the end users in any of the following ways.

- Merging T10 SDK merge module (T10SDKComponents\_x86.msm or T10SDKComponents\_x64.msm) into the main installer
- Directly including SDK components (dlls) found in ‘<Root redistributable dir>\SDK\dll’ path.
  - In this case, ensure that IAiCamT10Control.dll which is a COM component should be registered. Other dll: libEyeSeek.dll should be preferably in the same directory that of IAiCamT10Control.dll.

## 7. Technical Support

Additional Information and Technical assistance is available on the Iris ID’s support web site at [www.irisid.com](http://www.irisid.com), click on Support & Service then Technical Support.