



Shad-o-Snap™ SDK

(Software Development Kit)

Key Features:

- for Windows 2000 and Windows XP operating systems
- C/C++ compatible header file and library
- includes function calls for retrieving Shad-o-Snap camera status information, reading TIFF and RAW images from the camera, and sending commands to control camera functions
- extensive documentation and background information
- sample program listing

The Shad-o-Snap SDK consists of a complete set of I/O function calls for communicating with any Rad-icon Shad-o-Snap camera. Functions are provided to send imaging commands to the camera, to access camera status information and to retrieve images from the Shad-o-Snap camera's on-board memory.

Partial list of SDK functions:

<code>Snap_OpenCamera</code>	Find camera and initialize SDK functions
<code>Snap_LoadThumbnail</code>	Transfer thumbnail TIFF image from camera
<code>Snap_LoadRawImage</code>	Transfer 16-bit raw integer image from camera
<code>Snap_LoadTifImage</code>	Transfer full-size 8-bit TIFF image from camera
<code>Snap_ReadSetupInfo</code>	Read Shad-o-Snap camera status information
<code>SnapCmd_AcquireImage</code>	Grab next available image from sensor
<code>SnapCmd_AcquireOffset</code>	Grab image and store for offset correction
<code>SnapCmd_SetOffsetCorrection</code>	Enable/disable on-board offset correction
<code>SnapCmd_SetTimingMode</code>	Select camera timing mode (int/ext, trigger, etc)
<code>SnapCmd_SetIntegrationTime</code>	Program on-board exposure time controller
<code>SnapCmd_SetResetState</code>	Enable/disable global sensor reset
<code>Snap_ErrorMessage</code>	Translate error code into text message