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ITNS-400

User Manual

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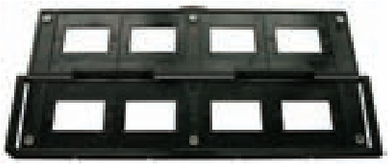
Appendix. Clean ITNS-400

I. Unpacking the ITNS-400

ITNS-400

Negative Film Holder

User Manual



Slide Film Holder

CD-ROM

Clean brush

Quick Installation Guide

NOTE

- ✧ We strongly suggest using a clean, dry, non-alcohol cotton swab to insert into the film scanner slot and clean the glass surface periodically to produce a clear image.
- ✧ Make Sure all negative films, slide films and cover trays are free of dust and dirt before inserting into the ITNS-400 as this may affect the image quality when scanning.
- ✧ When cleaning films, please use a professional recommended purger from a photo store to avoid damaging old or precious films.

II. Installing film into holder

Install the slide into holder:

1. Open the slide holder as illustrated

2. Put slide into positive slide slot

3. Close the film holder

Install the negative film into holder:

1. Open the film holder as illustrated

2. Install film into negative film slot

3. Close the film holder

NOTE

✧ To avoid mirror image, follow the serial numbers (from left to right) on top of film when install negative film into holder.

Figure 1

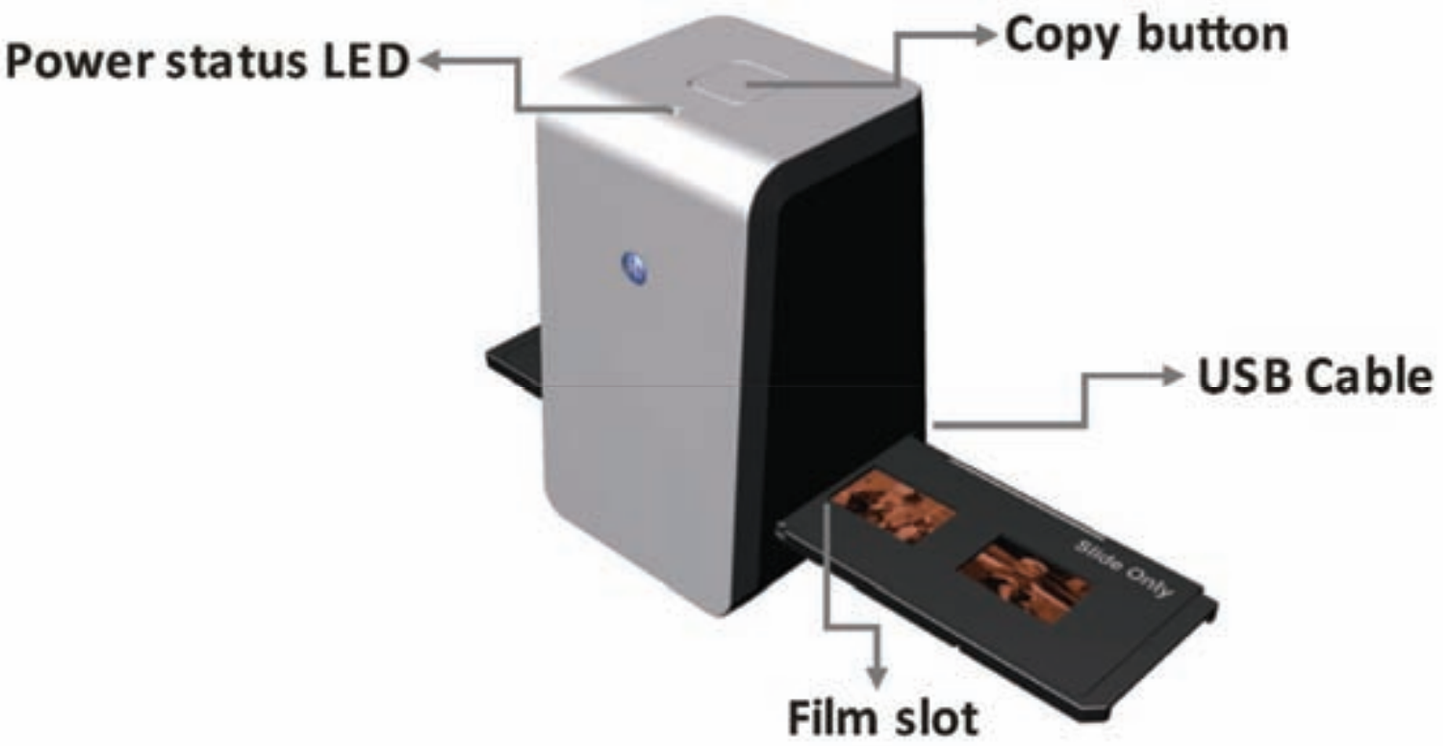
✧ If the image is upside down [see fig. 2] , the image can be corrected by continuously “Rotate” function in Image Scan Tool after capture [see fig. 3].

Figure 2

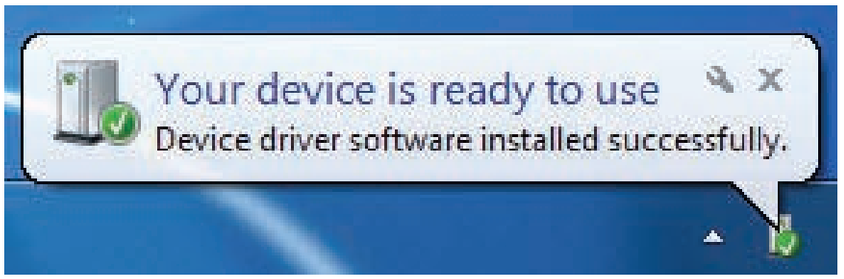
Image Scan Tool
Film Type
Negative
Slide
B & W
Scan Quality
STANDARD
Interpolated
Live View
Snap Shot
Snapshot
Delete
Mirror
Rotate
Color/Brightness Adjustment
Save
Exit
Save to this location:
C:\Users\Tester\Documents\My Pictures
Final images to save
Ready

Figure 3

III. Connecting the ITNS-400



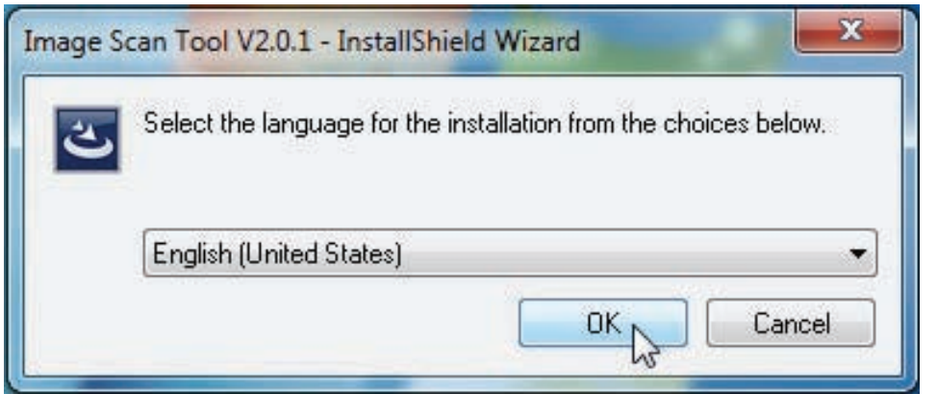
Plug in USB cable to computer without installing any necessary driver. When the status icon appears in your Windows Task Bar, it will declare "Your device is ready to use". You may now begin using the scanner.



IV. Install bundled application

The package bundled with a friendly and easy to use application that has functions for capture, save, delete, mirror, rotate and exposure and color control.

Please follow the steps to complete the application installation.



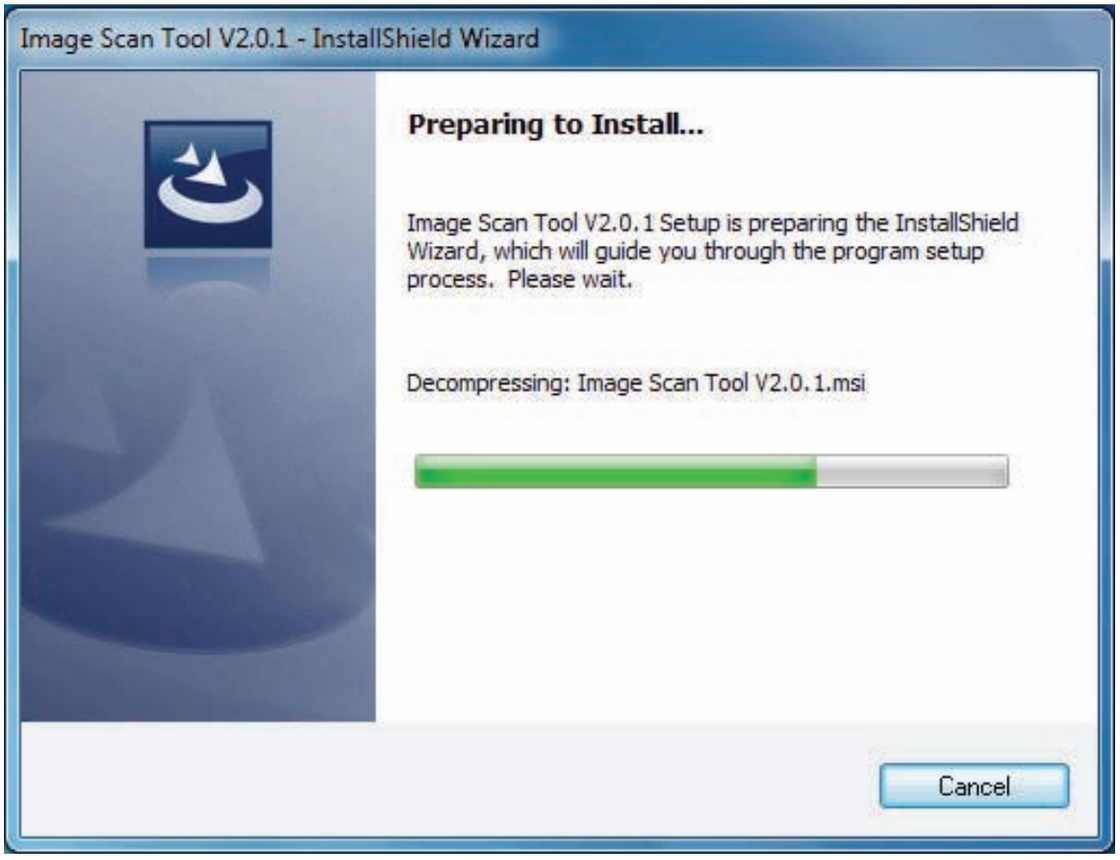


Image Scan Tool V2.0.1 - InstallShield Wizard
Preparing to Install...
Image Scan Tool V2.0.1 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Decompressing: Image Scan Tool V2.0.1.msi
Cancel

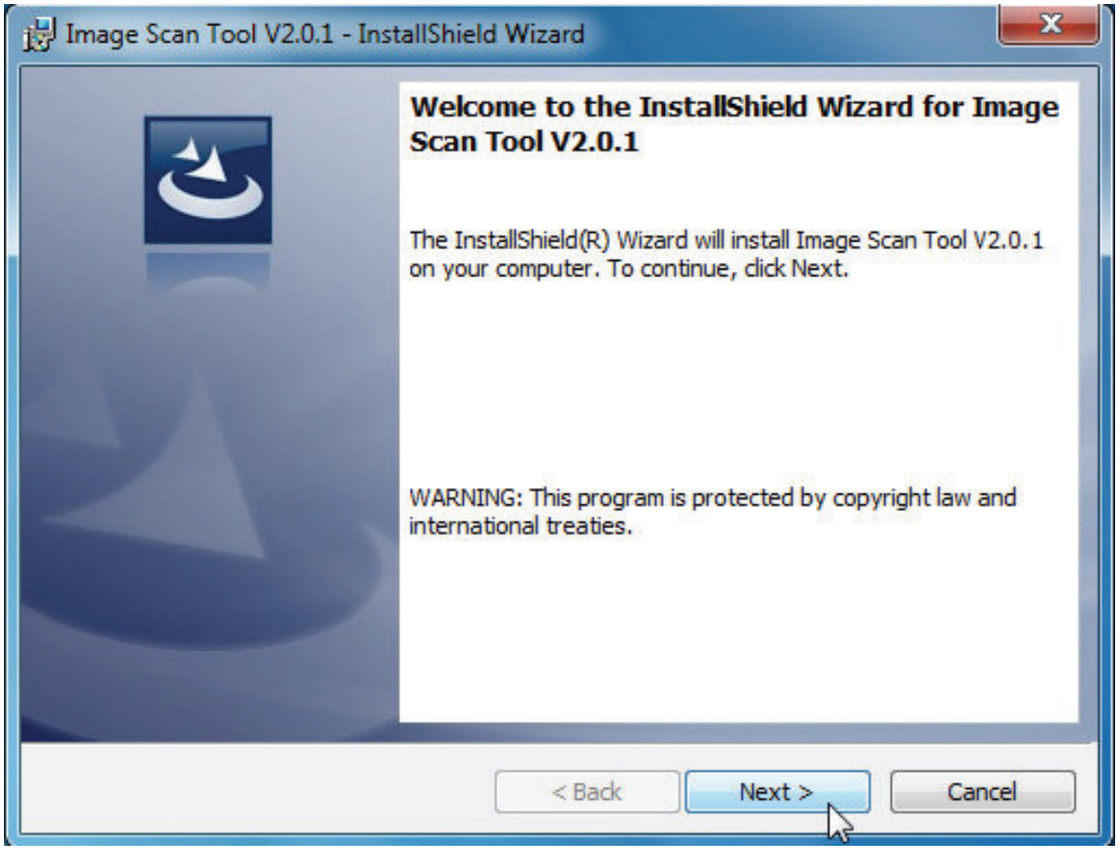


Image Scan Tool V2.0.1 - InstallShield Wizard
Welcome to the InstallShield Wizard for Image Scan Tool V2.0.1
The InstallShield(R) Wizard will install Image Scan Tool V2.0.1 on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel

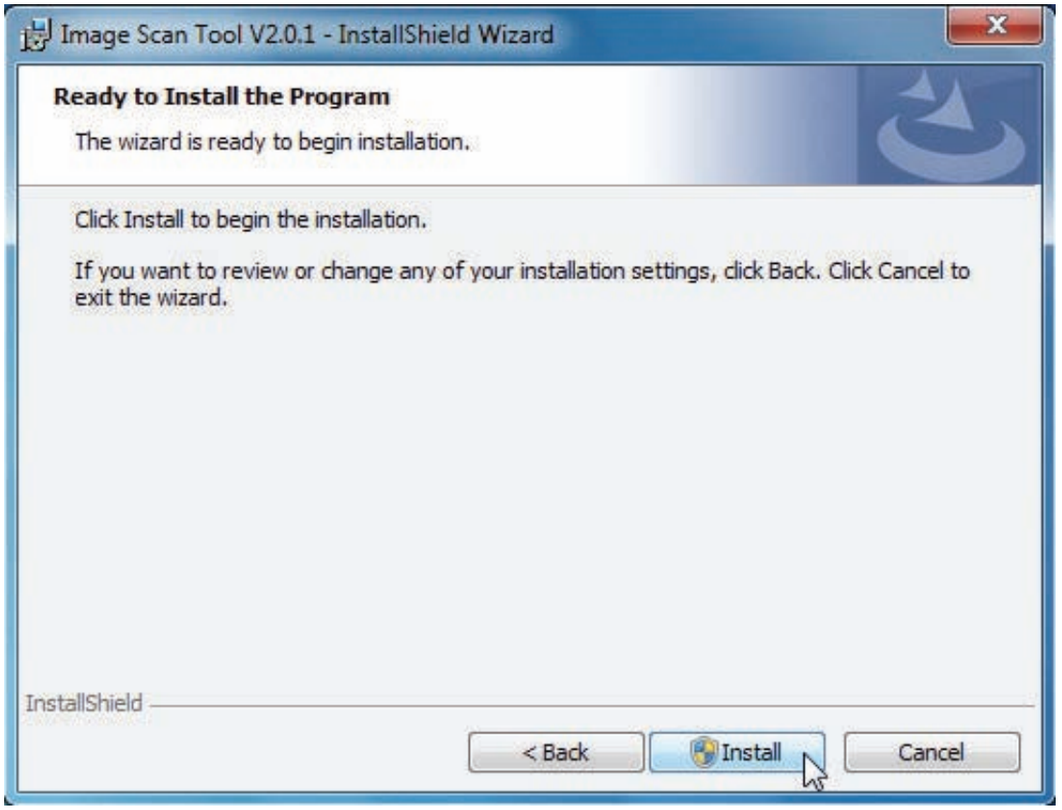


Image Scan Tool V2.0.1 - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

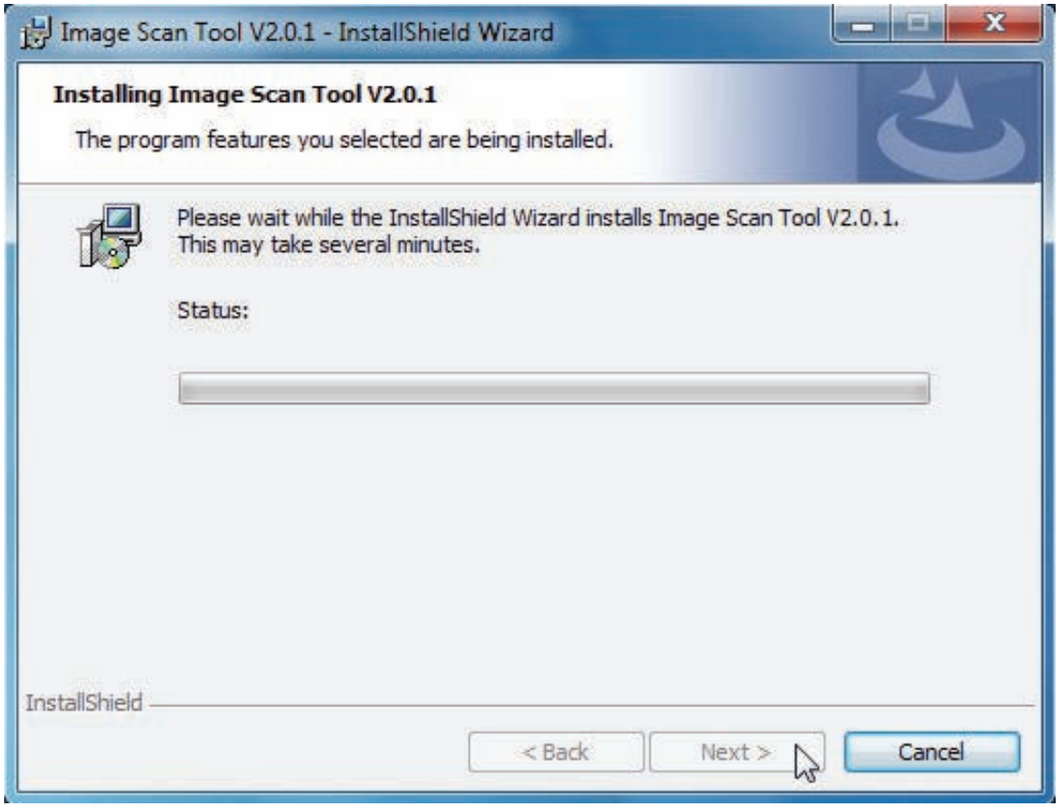
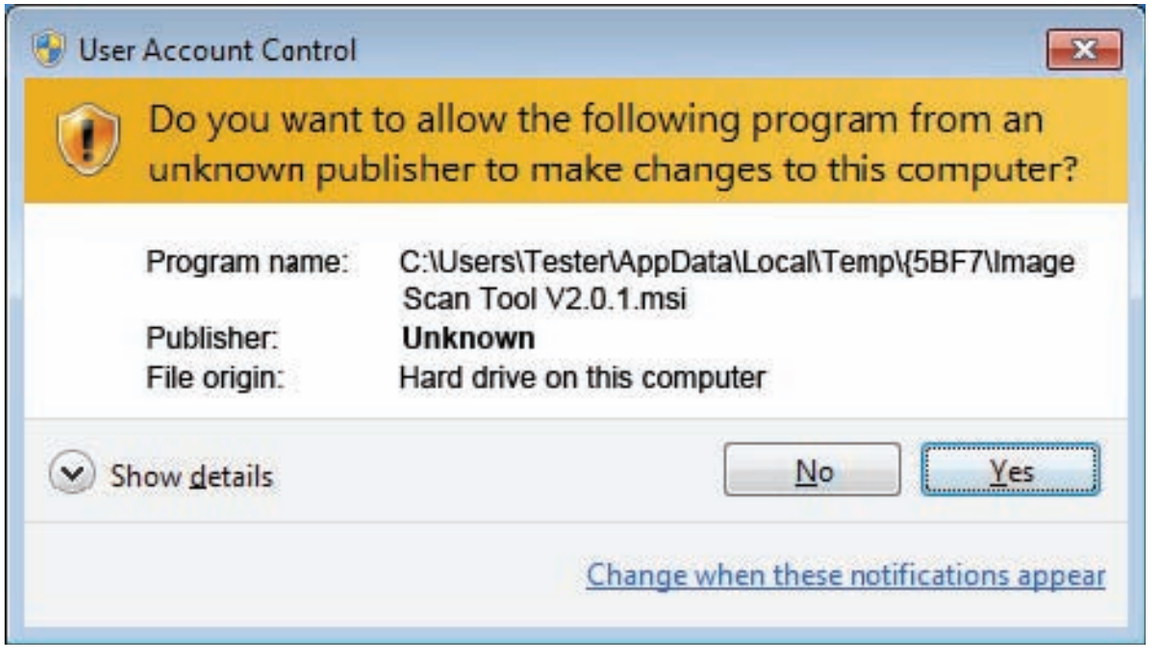


Image Scan Tool V2.0.1 - InstallShield Wizard
Installing Image Scan Tool V2.0.1
The program features you selected are being installed.
Please wait while the InstallShield Wizard installs Image Scan Tool V2.0.1. This may take several minutes.
Status:
InstallShield
< Back
Next >
Cancel


User Account Control
Do you want to allow the following program from an unknown publisher to make changes to this computer?
Program name: C:\Users\Tester\AppData\Local\Temp\{5BF7\Image Scan Tool V2.0.1.msi
Publisher: Unknown
File origin: Hard drive on this computer
Show details
No
Yes
Change when these notifications appear

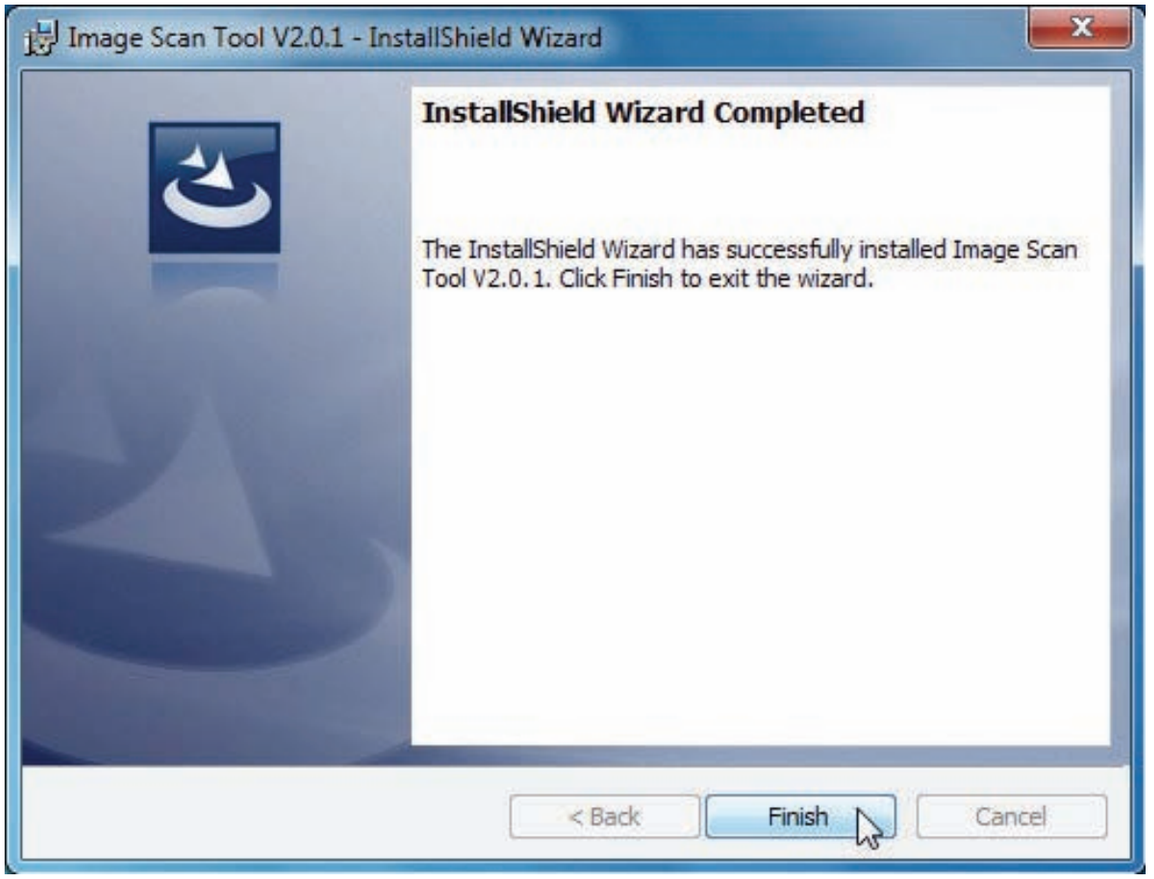


Image Scan Tool V2.0.1 - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed Image Scan Tool V2.0.1. Click Finish to exit the wizard.
< Back
Finish
Cancel

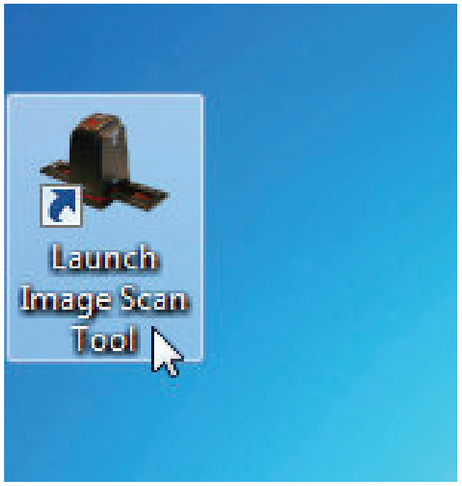
V. Using the ITNS-400

1. Put Film into film holder

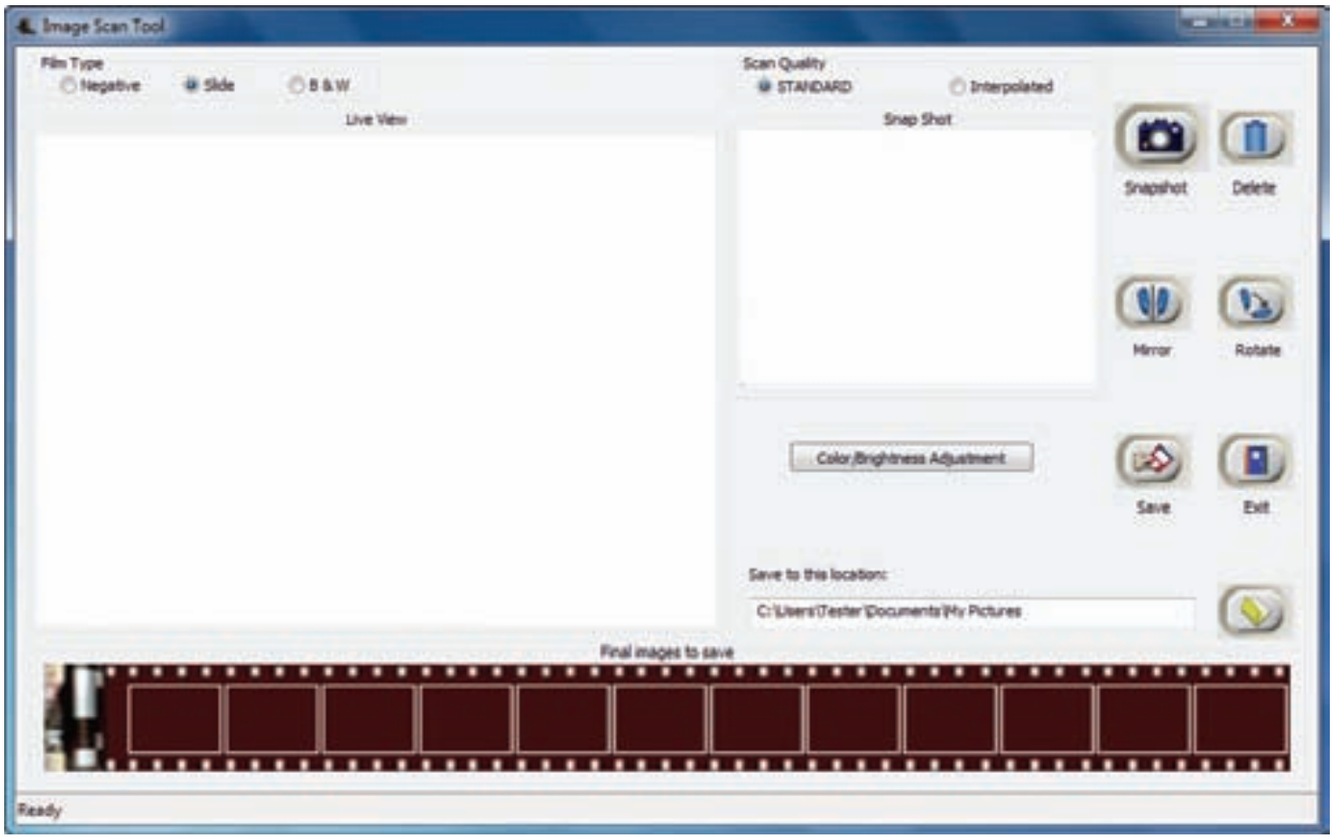
2. Insert the holder into ITNS-400

3. Make sure USB cable is connected to ITNS-400 and PC

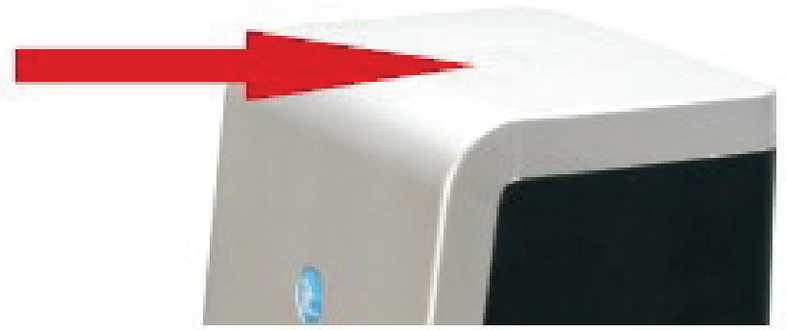
4. On Desktop double click on “Launch Image Scan Tool” icon



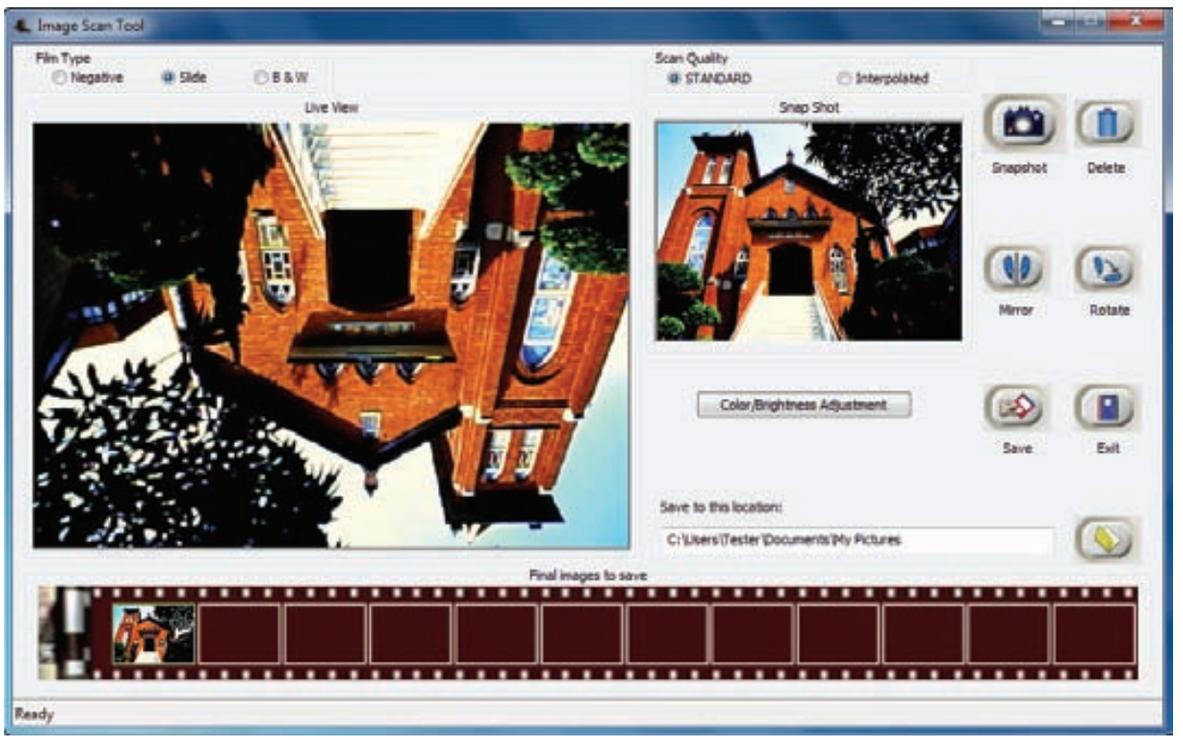
5. Click “Image Scan Tool” to enter operation interface as below



6. Press “Copy” hard button to capture the image to store in thumbnail.

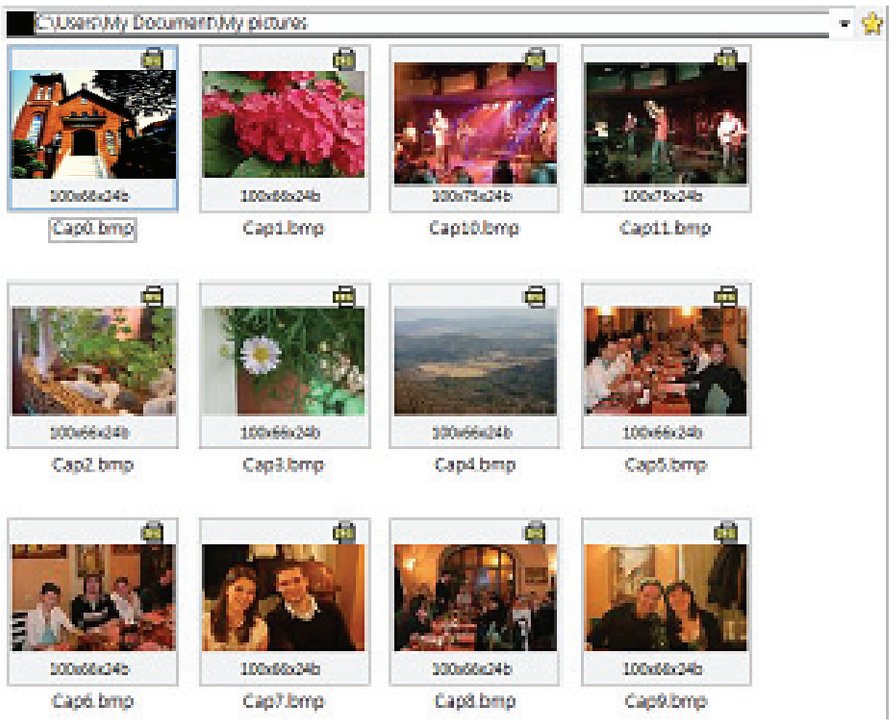


7. Click on function of mirror, rotate, color and brightness control to alter image as desired



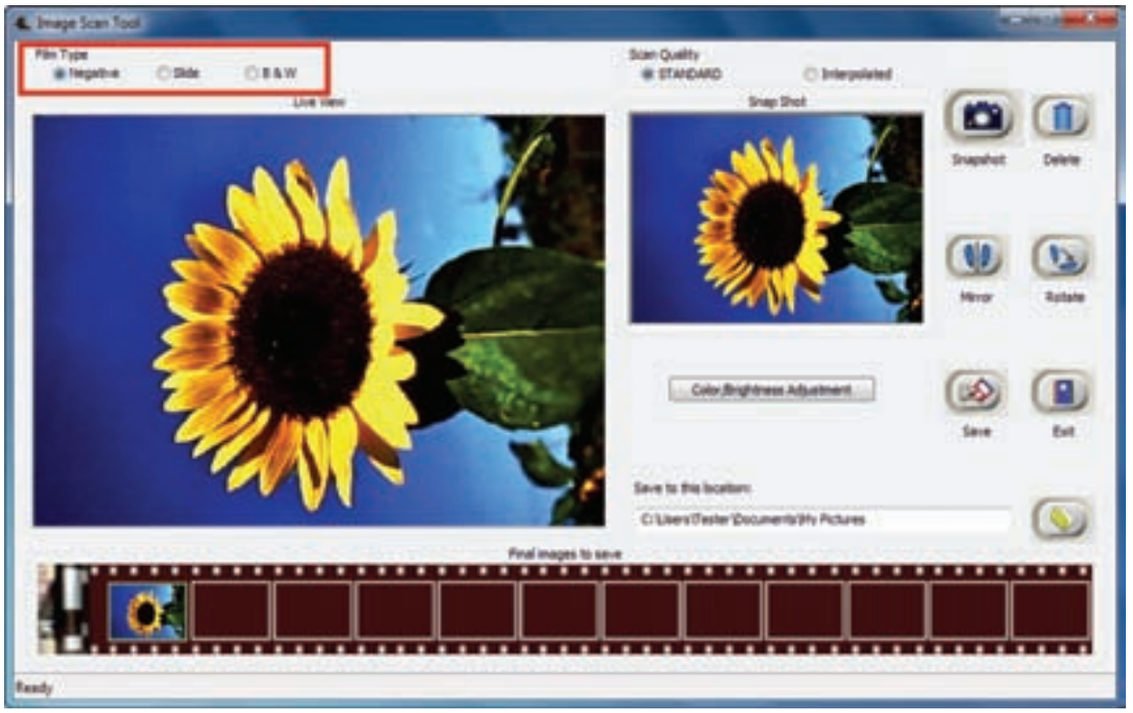
8. Press Save to store captured images to hard disk. The image seen in the thumbnail window is cleared once saved.

9. Retrieve saved images from the hard disk to further review and edit.



VI. Introduction of the User Interface

First step is always to select the correct Film Type.



Negative

Slide

B&W

User can either click on “Snapshot” icon or press the hard key “Copy” touch button to capture images. Captured images will be first stored in the thumbnail bar. Total of 12 thumbnail images are able to store in the bar.

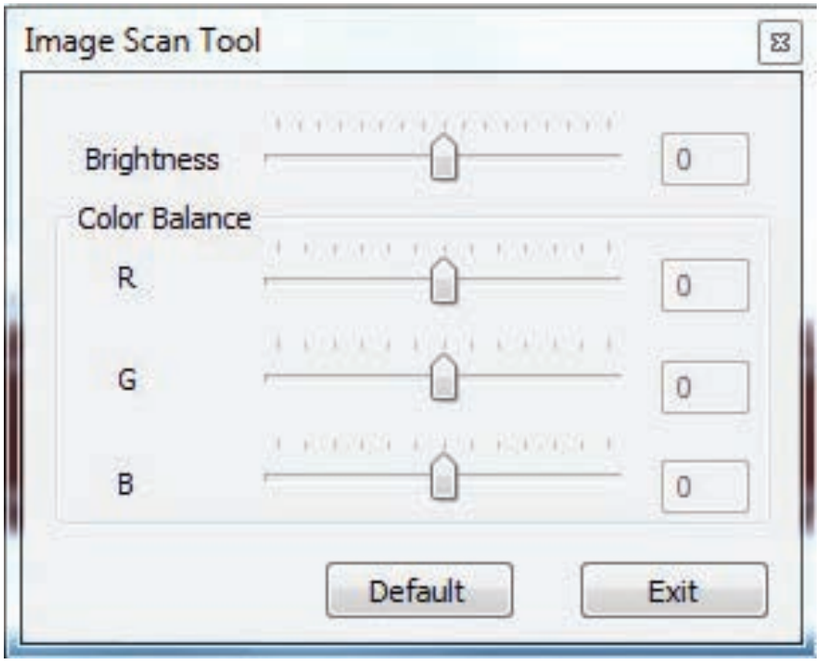
The image control, mirror, rotate, color and brightness in Image Scan Tool is previewed instantly in Snap Shot window.

Press the “Mirror” icon to flip the Live View image to preview on the Snap Shot window.

Or apply the Rotate function by pressing “Rotate” icon. The image will be rotating in 90 degrees clockwise on one single click, continue until the preferred position is set.

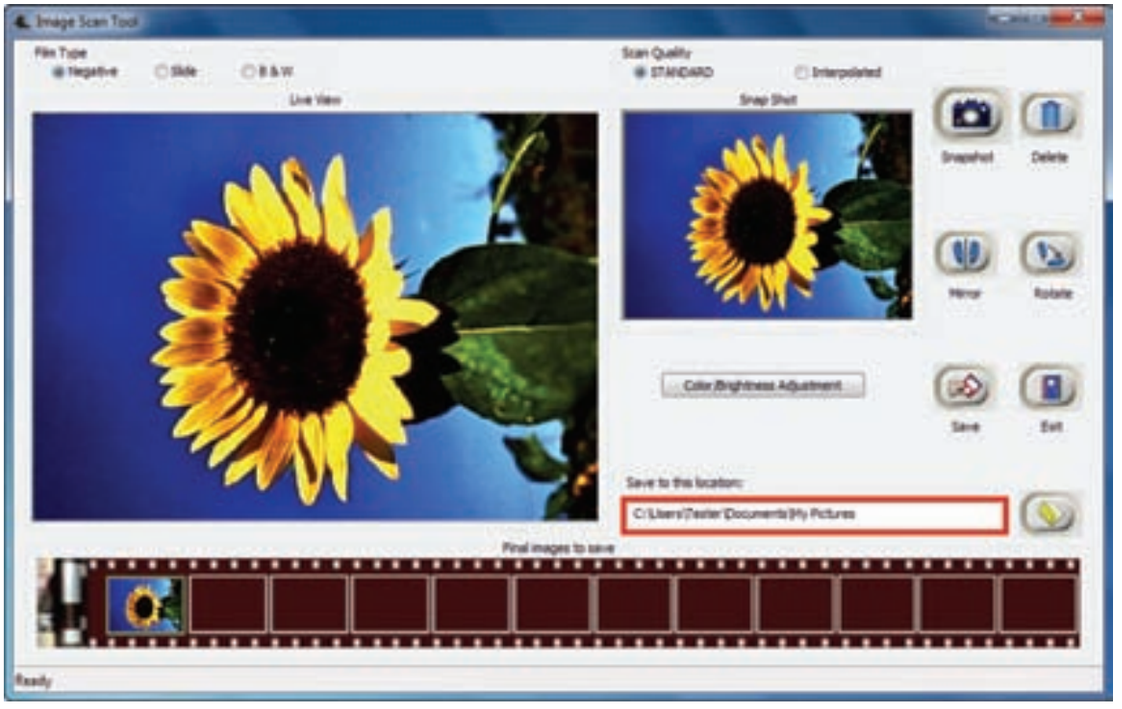
To manually adjust the image brightness and color level, click on “Color/Brightness

Adjustment” icon. A pop up window containing Brightness bar and Color R, G, B bar will show up on screen. Pull the level bar to make the adjustment.



To delete an image, select the desired thumbnail image then click on the "Delete" icon.

The stored images in thumbnail bar need to be saved to hard disk. The default location in hard disk is at "C:\Documents and Settings\Users\My Documents\My Pictures".



Or user can save to a prefer hard disk location by pressing the directory icon. Another pop up window will show up to select the directory for saving images.

Press “Save” icon to save images to hard disk. The thumbnail bar is cleared after save.

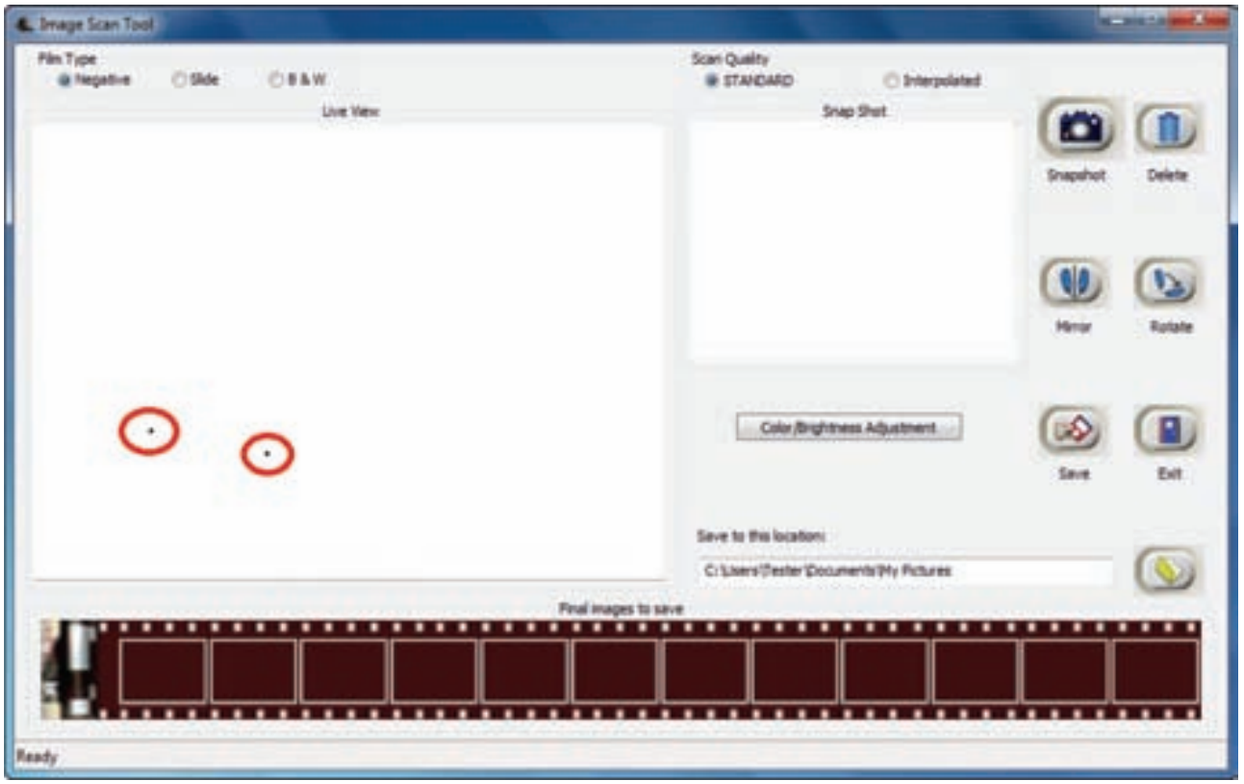
When completed the capture, user can press “Exit” button to quit this Image Scan Tool. Then, review captured images or process additional modification with bundle software for PC.

VII. Specifications

Image Sensor:	5 mega CMOS sensor
Lens:	Precision TM Glass Element Fixed Focus
Focus Range:	Fixed focus
Exposure Control:	Automatic, with manual control enhancement
Color Balance:	Automatic, with manual control enhancement
Scan Quality	Standard & Interpolated (1,800 & 3,600 dpi)
Data Conversion	10 bits per color channel
Scan Method	Single pass
Light Source	Back light (3 white LEDs)
Interface:	USB 2.0
Power:	USB port
Dimensions	82x86x152mm
Weight	0.58kg
Operating Systems	Windows XP/Vista/Win 7 (32/64 bit)

Appendix. Clean ITNS-400

When viewing without the film holder on the film slot if found any dust dot on live view window, user is able to clean it by using the bundled clean brush to wipe the dust.



NOTE

✧ We strongly suggest using a clean, dry, non-alcohol cotton swab to clean the glass surface periodically to produce a clear image during operation.

Innovative Technology Electronics Corp.

Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from “Defects” in materials under normal use for a period of “One Year” from the date of the original purchase. The Warranty is “Not” transferable. IT agrees, within the initial “90 Day” period, to repair or replace the product if it is determined to be defective at “No Charge”. It is further agreed that IT will cover the cost to repair or replace damaged “Parts” only for a total period of “One Year” from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.

To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at www.ithomeproducts.com to request an RMA (Return Material Authorization) number to return products for service or replacement. Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or of one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage.
Customer “Must” include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.
Please include your check or money order in the amount of

- **USD$5.00 for items $10.00 to $39.99 (Price Paid Per Unit)**
- **USD$10.00 for items $40.00 to $99.99. (Price Paid Per Unit)**
- **USD$16.00, for items $100.00 and up. (Price Paid Per Unit)**
- **Shipping fees are non-refundable**

to be payable to Innovative Technology Electronics Corp.(for handling and return

shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting from a purchaser’s failure to provide any / all of the necessary information.
Send all inquiries or RMA request via our website www.ithomeproducts.com/support.

Innovative Technology Electronics Corp.
1 Channel Drive
Port Washington, NY 11050
Toll free: 1-877-483-2497
Website for support: www.ithomeproducts.com/support

There are no express warranties except as listed above.
REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CUSTOMER, (IT) SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Instructions shall caution users that modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.
The following or equivalent as appropriate:

“NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.”

Statement that the product complies with Part 15 (i.e. “This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.”)

CALIFORNIA PROP 65 WARNING

WARNING : This product contains chemicals known to the State of California to cause birth defects or other reproductive harm. For more information on these regulations and a list of chemicals, log on the following website address:

http://www.oehha.ca.gov/prop65.html

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