

VISION
TECHNOLOGY®
Partners in the Vision Industry™

InSight™ 1808

Desktop Video Magnifier

Made in U.S.A.

Owner's Manual
www.visiontechnology.com

Thank you for choosing a Vision Technology desktop video magnification system. You have selected a precision-engineered product designed to give years of performance and reading enjoyment. You have selected the finest video magnifier available in the marketplace.

Vision Technology has designed, developed and fabricated new cutting-edge components for their product lines, including innovative portable products and distance viewing products.



Overview

InSight™ 1808 provides independence with the freedom to view photographs, write, enjoy reading and hobbies.

InSight™ 1808 includes the following features:

- > S Video, RCA Composite video and VGA video output allows the choice of CRT television, flatscreen television or computer monitor. Note: VGA video output is the factory default setting.**
- > XY table with internal storage compartment**
- > Auto Focus creates the clearest view without any need to make adjustments**
- > Memory Presets allows the user to customize magnification and mode settings**
- > Optional KVM switch for computer compatibility**
- > Optional monitor bracket assembly**

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Important Information

Vision Technology is not responsible for damage incurred during shipment. In the event of damage to the shipping carton or its contents, immediately notify Vision Technology.

Keep the original shipping carton and all packing materials in the event the unit needs to be returned for service or repairs.

Do not attempt to repair, service or modify this unit. There are no serviceable parts inside. Any changes or modifications not expressly approved or performed by Vision Technology, Inc. will void the limited warranty on this unit.

Complete the product registration form and return it immediately to activate the warranty. The product registration form is located on page 10 of the owners manual.

Client Services and Technical Support are available Monday through Friday 8:00 AM - 4:30 PM, Central Standard Time. We can be reached at 1-800-560-7226.

Unpacking and Set Up

Place the Video Magnifier on a sturdy work surface, such as a desk or table. Use a chair that allows you to view and work with the Video Magnifier comfortably.

What's in the Box?

Power Supply and Electrical Cord.

Power Supply



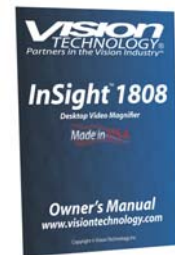
RCA Video Cord



S - Video Cord



Owners Manual

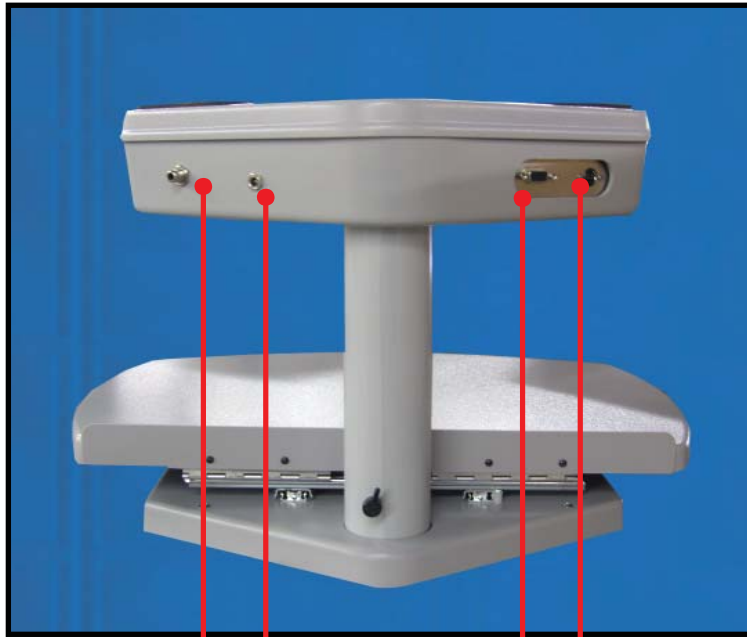


Connect the power supply to a wall outlet and connect the power jack to the back of the Video Magnifier. Connect the video cord to a video input port on the monitor or television, and connect the opposite end to the back of the Video Magnifier

Press the power button on the monitor or television. Press the red button to power up the Video Magnifier. It takes approximately 10 seconds for the camera to initialize, before displaying an image.

Check the spring loaded locking mechanism located on the rear of the center post.

Unpacking and Set Up



RCA video in port

Main Power in Port

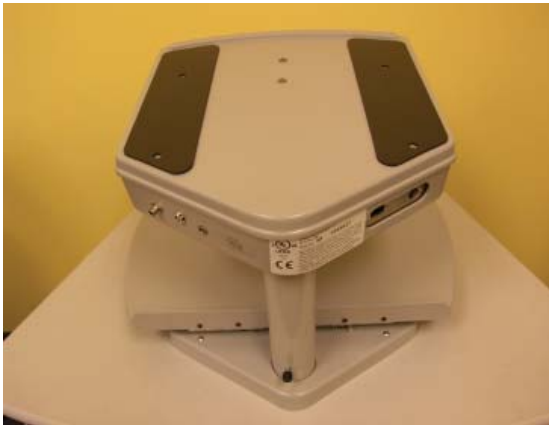
VGA video in port

S- video in port

Storage Compartment



Optional Monitor Bracket Assembly



1. Remove the two screws located in the center top portion of the InSight 1808 unit. These same screws will be used in mounting the bracket to the top of the unit.



2. Place the short portion of the bracket on top of the InSight 1808. Align the pilot holes located on the base "short portion" of the bracket with the holes on the cover of the InSight 1808. Fasten the bracket to the top of the InSight 1808 with same two screws removed in step one.



Optional Monitor Bracket Assembly



3. Power supply cord and a VGA cable are inclusive with the purchase of new monitors. Connect the power supply cord and VGA cable to the monitor.



4. Align the four screw holes located on the back of the monitor with the slotted holes on the bracket. With the machine screws provided thread the screws through the bracket and into the monitor.



**VERY IMPORTANT THAT
ONLY THE MACHINE SCREWS
PROVIDED ARE USED FOR
MOUNTING THE BRACKET TO
THE MONITOR.**

Control Panel



Tap the power switch to power the Video Magnifier on or off. An audible beep occurs when tapping the power switch and the reading lights illuminate.



When powered on, the lock button locks and unlocks the reading table. Powering off the Video Magnifier automatically unlocks the table.



Tapping the mode button cycles through photo, high contrast and reverse high contrast modes.



Brightness button brightens and darkens all modes. Press the left side to decrease the contrast. Press the right side to increase the contrast.



Plus button increases the magnification.



Minus button decreases the magnification.

Customization of Settings

BRIGHTNESS

Hold both sides of brightness button- this allows the choice in setting VGA or S-Video/ RCA-Video. There are two audible beeps indicating the selection has been made.



MODE

Hold down the mode button when powering up the machine to turn the auditory beep on or off.



BRIGHTNESS

In order to return to factory setting hold down the right side of the brightness (contrast) button while powering up the machine.

MODE



BRIGHTNESS

To save a zoom and mode preference hold the MODE button and the left side of the brightness (contrast) button simultaneously. The next time the system is powered on the camera will automatically return to the saved zoom and mode preference.

Effects Package Option

Accessing Color Combinations

1. There are eight color combinations to choose from.
2. In order to access color combinations hold the MODE button in mode two “high contrast” or mode three “reverse high contrast” viewing mode. When you have determined your selection of a color combination release the mode button.
3. When cycling through the various color combinations release and tap the MODE button to resume no effects (standard operation). No effects (standard operation) is mode one “photo mode”; mode two “high contrast”; mode three “reverse high contrast”.

Color Combinations

Mode two “high contrast” shows the following combinations: Blue background/ yellow print, white background/ blue print, black background/ yellow print, black background/ green print.

Mode three “reverse high contrast” shows the following combinations: Yellow background/ blue print, blue background/ white print, yellow background/ black print, green background/ black print.

Line Markers Window Shading

Accessing Line Markers and Window Shading

1. In order to access line markers or window shading simultaneously hold the PLUS and MINUS buttons then release. “EP” will display in the upper left portion of the screen.
2. Pressing the MODE button will cycle in this order; No effects (standard operation), horizontal line markers, vertical line markers, horizontal window shading and vertical window shading.
3. To size the window shading or position the line markers, press the PLUS or MINUS buttons accordingly.

NOTE: Powering off the unit will reset the viewing modes to standard operation.

Trouble Shooting

SYMPTOM	CAUSE	SOLUTION
Video Magnifier does not power on	A. No power to system	Restore power at outlet.
	B. Defective power supply	Replace power supply
	C. Membrane wire harness not connected or completely connected	Service Required
Video interference/ Running lines.	A. Damaged E-Prom	Service Required
	B. Disconnected wire harness	Service Required
Control panel dead	A. Membrane wire harness not connected or completely connected	Service Required
	B. Membrane ribbon cable damaged	Service Required
Irregular sounding beep.	A. Electrical surge	Replug power cord
	B. Defective power supply	Replace power supply
	C. Camera wire harness partially connected	Service Required
	D. Damaged E-prom	Service Required
Lock button not locking table	A. Solenoid spacer cap is not in place	Service Required
	B. Membrane wire harness not connected or completely connected	Service Required

Specifications

Features

Autofocus
Ball bearing table movement
Audible Feedback

Magnification

2x - 65x

Illumination

LED Lighting

Power Supply

Input Voltage 100-240 V AC
Frequency 50-60 hz

Product Dimensions

Height 13"
Width 19"
Depth 18"
Weight 18 lbs.

Reading Table

Unrestricted workspace
Internal Storage compartment

Video Output

RCA Composite
S-Video
VGA

Optional Effects Package

Color Combinations
Line Markers
Window Shading

Transportation Carton

Height 16"
Width 23"
Depth 23"



Warranty and Product Registration

Limited 2 Year Warranty: Vision Technology warrants your Vision Technology product against defects in material or workmanship for a period of 2 years.

You must complete and sign the Warranty Registration form, along with providing a copy of the original sales receipt and mail them to Vision Technology within 30 days from the purchase date to activate this Limited Warranty. This Limited Warranty extends to the original consumer purchase and for use only by that consumer. This Limited Warranty applies to the product only while the product remains in the possession of the original consumer purchaser. This Limited Warranty does not extend to commercial users.

Vision Technology will, at its option, repair or replace the defective product or part. Replacement parts may be new, repaired, refurbished or comparable as determined by Vision Technology at its discretion. This exchange is done without charge to you for parts and labor. All products with replacement or refurbished parts, are covered only for the original warranty period. When the Limited Warranty on the original product expires, the warranty on the replacement or refurbished parts also expires. After 2 years from the date of purchase, the customer pays for the replacement of all parts and for all labor charges.

Your warranty does NOT cover:

Product repair because of failure to follow instructions and warnings in the owner's manual, accident, misuse, abuse, lightning damage, unauthorized repair, failure to provide reasonable and necessary maintenance, improper packaging or transit by someone other than Vision Technology, acts of God, or other cause not within the control of Vision Technology, Inc.

Labor, parts and transportation charges for service calls not involving defective materials or workmanship. Labor, parts and freight charges for factory service not involving defective materials or workmanship. A product used for commercial or institutional purposes. Any modifications or other changes to the product, including but not limited to software or hardware modification in any way other than as expressly authorized by Vision Technology will void this Limited Warranty. Incidental or consequential damages resulting from the product. Upgrades. Shipping Cartons.

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Warranty Registration requires the following:

- (1) A copy of the original sales receipt
- (2) Serial number recorded
- (3) Print your name and Primary phone number
- (4) Signature

WARRANTY REGISTRATION FORM

Serial Number:

Print your name and Phone number:

Signature:

Mail To:
Vision Technology, Inc.
Warranty Registration
8501 Delport Drive
Saint Louis, MO 63114-5905

Warranty Service Information

Warranty Service:

Warranty service will be provided by Vision Technology. If you believe you need service for your product, contact Vision Technology at 800-560-7226. A representative will go through a diagnostic checklist with you. If it is determined that the product needs to be returned for service, you will receive a return authorization number. You will be responsible for the cost of shipping the product for warranty service; Vision Technology will be responsible for the costs of return shipment (via UPS GROUND).

All warranty repairs or service require:

- (1) Return authorization number.
- (2) A copy of the original sales receipt.
- (3) Product repacked and returned in its original shipping carton.

Out-of-Warranty Service:

To obtain out-of-warranty service contact Vision Technology at 800-560-7226.

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WARRANTY REGISTRATION FORM



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Discover more innovative Vision Technology®
low vision products
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