



Product Type: *Autoscope®*

Autoscope® Terra™ Software Suite – Version 9.0.1 Rev. A

General

Autoscope® **Terra™** Software Suite – Version 9.0.1 Rev. A (Version 9.0.1 Rev. A) supports the new Autoscope® **Terra™** (Autoscope *Terra*) family of products — Autoscope Solo® **Terra™** MVP (Solo *Terra* MVP), Autoscope® RackVision™ **Terra™** MVP (RackVision *Terra* MVP), and the Autoscope® **Terra Access Point™** (*Terra* Access Point), and does NOT support the Autoscope Solo® Pro (Solo Pro) series_of products. Please continue to use the appropriate version (typically Autoscope Software Suite V8.31 Rev. A or V8.32) with the Solo Pro products.

Purpose

Version 9.0.1 Rev. A provides an important operational improvement over V9.00. This improvement fixes an issue with MAC addresses on the Broadband-over-Power (EasyLink™) portion of the network between the Solo *Terra* MVPs and the *Terra* Access Point.

This note can help you quickly learn the benefits and features of Version 9.0.1 Rev. A. This note also supplements the more detailed information in the version 9.0.1 Rev. A Readme file, that is on your CD and in the Start Menu selection.

The InstallShield® process on your CD will copy files to your computer's hard disk and create icons for easy execution of all programs. The Autoscope *Terra* Software Suite works with Windows 2000 and Windows XP operating systems, including their easy install and uninstall processes. Operation on Windows Vista operating system has not yet been fully tested and is not supported at this time. Operation on earlier computers with earlier operating systems is not supported.

Implementation

Version 9.0.1 Rev A software will be factory-installed in all Autoscope *Terra* products that ship starting August 21. ASOLOSST – Autoscope *Terra* Tool Kit – will immediately include V9.0.1 Rev. A software.

Customers who have registered copies of V9.00 will automatically receive their V9.0.1 Rev. A software CD by mail by the end of August.

Econolite and Distributor Sales and Technical staffs are encouraged to download the Autoscope *Terra* Software Suite V9.0.1 Rev. A software from the Econolite FTP site.

Please contact Autoscope Technical Support for login information.

Should I Install Version 9.0.1 Rev. A?

Yes!! V9.0.1 Rev. A provides important improvements applicable to all existing Autoscope *Terra* products in the field, and should also be installed on the PCs used with Autoscope *Terra* family of products.

For Data Collection and Management Service (DCMS) customers, please coordinate installation of Autoscope Terra products with your DCMS Technical Support contact.



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What's New in Version 9.0.1 Rev. A?

Version 9.0.1 Rev. A resolves an issue with MAC address assignments within the Autoscope *Terra* hardware, which reduced the bandwidth of the broadband-over-power (EasyLink™) communications between the Solo *Terra* MVPs and the *Terra* Access Point. This release will reduce errors which may cause missing or invalid detector communications (flashing Yellow MVP Status LEDs on the *Terra* Access Point) when streaming video from several Solo *Terra* MVPs.

Otherwise, V9.0.1 Rev. A is the same as V9.00.

General Information – V9.00 and 9.0.1

Installation Tips

- Please return your software license registration card so you will receive the next major release. If you know that a software license should be moved to someone else in your organization, please contact your Autoscope representative or Autoscope Technical Support to provide updated information for our database.
- We recommend installing the new software in the suggested directories (destination location) and program folders. If you have installed any Beta versions, we recommend uninstalling these previous versions.
- Zoom Control Utility –This utility has not changed from Version 9.00 or the AISZoomControl CD version 8.32. To avoid incorrect camera settings, other versions should not be used. Current Handheld Controller units can also be used.
- When asked to replace older versions of the AIS Camera Zoom Control utility, we recommend allowing the software to perform a search of your entire computer to replace older versions of this utility (start search at c:\). This process will make sure all active copies on your computer are current.
- When asked about shortcut icons, we recommend that you place all shortcut icons on your Desktop. This will help you quickly go to Autoscope Network Browser, to the AIS Camera Zoom Control Utility, and to your My Autoscope directory.
- You may want to create additional shortcuts to help you later with managing your data and detector files. This will especially help with programs like Microsoft Excel or Windows Explorer. For example, you can create a shortcut on your desktop to your My Documents directory. You can also create a shortcut in your My Documents directory to your My Autoscope directory. In the Polling Data subdirectory, to better identify the data from each Autoscope MVP for Excel, you can create a shortcut to each CPUID subdirectory. There are several different ways to create shortcuts, including Autoscope Network Browser or Windows Explorer.



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- We recommend organizing your My Autoscope directory for new and existing detector files, bitmaps, operations logs, and data. Please create a separate directory for each intersection (e.g., Broadway @ Main Street) and within this directory, create a separate directory for each Autoscope MVP (e.g., NB Main Street @ Broadway).

Known Problems and Workarounds

Some known problems exist in version 9.0.1 of the Autoscope Software Suite. Please see the 9.0.1 Readme document for detailed information. Here are some additional comments:

- In order to modify network settings, PC users may require changes in permissions. Please consult with your Network Administrator.
- A USB-to-Ethernet adapter is available from Econolite. Using this type of device for connecting to Autoscope *Terra* products will allow the user to configure the USB device's network settings for use with Autoscope *Terra* without modifying their office network connections.
- Some USB to Ethernet adapters may indicate poor streaming video from RackVision *Terra* MVPs when the quality slider is at the lower-number positions (higher quality). To clear up the video artifacts, move the quality slider to mid-range.
- USB ports on the *Terra* Access Point are for future use.
- V9.0.1 does not support the SmartMouse™ (Mouse and Monitor) feature.
- V9.0.1 does not support dial up, com ports, Ethernet Adapter, or TCP/IP Socket channels. Version 9.0.1 communication to the field is via a single "Direct Ethernet Channel".
- Boot up time for *Terra* products is longer than before. Allow 1.5 to 2 minutes for boot up.
- Browser - Video Player –
 - displays incorrect time and date at the bottom of the screen
 - does not play back MPEG-4 video recordings
- Browser - Properties Editor –
 - Downloading of properties to *Terra* Access Point or Solo *Terra* MVP may indicate a download failure. Save changes as Properties Editor is exited, do a Learn, and the re-check for correct properties. Usually, properties have been correctly downloaded. Occasionally, re-sending the properties may be needed.
- Browser - Detector Editor –
 - If older version detector files are imported into V9.0.1 detector editor, label sizes may not correctly convert. Work around is to delete and re-draw the labels in V9.0.1.
- In the AIS Camera Zoom Control utility, you may see the "Tunnel Installation" box checked when first connecting to a camera. The "Tunnel Installation" feature sharpens the image for better performance in tunnel applications. Please deselect this option for most outdoor applications to improve detection performance.
 - Tip: Turn on the zoom control modem before connecting the coax to the camera.
- In the Configuration Wizard, when the detection zone is close to the edge of the image, do NOT use the *mouse* to draw the detection zone; for this condition, use the *cursor keys* to move the detection zone.



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- The Configuration Wizard can overwrite the detector output assignments when working at an existing installation. Be sure to save existing detector layouts first.
- You can modify a detector layout with the Mouse & Monitor feature, but you cannot go back to the original layout. To save a backup copy, you must use a laptop.

You may need to change the detector layout from the Configuration Wizard for some applications. For example, you may need to lengthen and thin the Presence detectors in low-angle views across large intersections. For some oblique views like strain pole installations, you may need to swap positions of the two farther away Presence detectors in each lane. Please use Detector Editor to make these changes.

Documentation & Assistance

After installation of the Autoscope Software Suite, you can select a shortcut from the Start menu to view and print the various Installation Guides, User Manual, ReadMe, or the Help files. While running the software, On-Line Help is available by pressing the F1 special function key. For more information, please see the 9.0.1 Readme document.

Contacts for Assistance

Please contact your Autoscope representative or Autoscope Technical Support for assistance. For more product information, please visit Econolite.com or Autoscope.com. Questions or comments may be directed to Autoscope Technical Support at 800-225-6480, +714.630.3700, or Support@Econolite.com.

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