



Product Type: *Autoscope[®]*
Autoscope[®] Terra[™] Software Suite Version 9.0.2

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General

Autoscope[®] Terra[™] Software Suite, V9.0.2, 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 previous **Autoscope[®]** products. Please continue to use the applicable version (typically Autoscope Software Suite V8.32) with these products.

Purpose

The purpose of this Application note is to notify the field of an important update to the Autoscope Software suite. This update corrects several important items critical to proper video detection system operation, when using the Solo *Terra* software. Refer to the 9.0.2 Readme document for detailed information.

Implementation

We will start to ship Autoscope *Terra* product in November 2007 with version 9.0.2 software installed at the factory. In early November, registered users will receive the V9.0.2 CD, along with this Application Note. Econolite and Distributor Sales and Technical staffs can access V9.0.2 via the Econolite FTP. To request FTP access to V9.0.2, communicate with Autoscope Technical Support. Customer orders for Autoscope ASOLOSST (Autoscope *Terra* Tool Kit) will also ship with V9.0.2, starting in November.

Should I Install Version 9.0.2?

Yes! It is important that V9.0.2 be installed on all *Terra* hardware, including sales and demo equipment, as this release contains important corrections to earlier releases.

If you are a Data Collection and Management Service (DCMS) customer, please coordinate all software updates with your DCMS Technical Support contact.

What's New in Release 9.0.2?

A problem was corrected that affected a *Terra* Access Point (TAP) only. Output pins 17-24 were incorrectly mapped to output pins 1-8.

A problem was corrected that affected RackVision *Terras* and TAPs. Outputs would not go to failsafe when the device left detect mode.

A problem was corrected in which an output LED state was not always the same as the *actual output pin state* during startup and before detectors became operational.



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Installation Tips

You can run Version 9.0.2 software, along with a version of 8.xx, on the same computer, at the same time. Each version maintains its own database and operates independently. You can use desktop icons to easily select between the Autoscope Terra Software Suite versions.

To easily execute all programs, the InstallShield® process on your CD copies files to the hard disk of your computer and creates icons. The Autoscope Terra Software Suite supports MS Windows 2000 and XP operating systems, including their easy install and uninstall processes. It does NOT operate on earlier computers with earlier operating systems. We have NOT yet fully tested operation on the Windows Vista operating system and it is NOT supported at this time.

- 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 give us updated information for our database.
- We recommend that you install 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:** We recommend that you always use the latest revision of the zoom control utility.
- To replace older versions of the **AIS Camera Zoom Control utility**, we recommend that you let the software search your entire computer to replace older versions of this utility (start the search at c:\). This process will make sure all active copies on your computer are up-to-date.
- With respect to **shortcut icons**, we recommend that you put 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 make **more shortcuts** to help you later to manage your data and detector files. This especially helps with programs like Microsoft Excel or Explorer. For example, you can make a shortcut on your desktop to your My Documents directory. You can also make a shortcut in your My Documents directory to your My Autoscope directory. To better identify the data from each Autoscope MVP for Excel, in the Polling Data subdirectory, you can make a shortcut to each CPUID subdirectory. There are several different ways to make shortcuts, which include Autoscope Network Browser or Windows Explorer.
- We recommend that you **organize 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 in this directory, make a separate directory for each Autoscope MVP (e.g., NB Main Street @ Broadway).



Known Problems and Workarounds

Some known problems exist in version 9.0.2 of the Autoscope Software Suite. Refer to the 9.0.2 Readme document for detailed information. Here are some more comments:

- To change network settings, if you use a PC, it may be necessary to make changes in permissions. Please consult with your Network Administrator.
- A USB-to-Ethernet adapter is available from Econolite. If you use this type of device to connect to Autoscope Terra products, you can configure the network settings of the USB device for use with Autoscope Terra, and NOT change their office network connections.
- When the quality slider is at the lower-number positions (higher quality), some USB-to-Ethernet adapters may indicate poor streaming video from RackVision Terra MVPs. To clear up the video artifacts, move the quality slider to mid-range.
- USB ports on the Terra Access Point (TAP) are for future use.
- V9.0.2 does NOT support the SmartMouse™ (Mouse and Monitor) function.
- V9.0.2 does NOT support dial up, com ports, Ethernet Adapter, or TCP/IP Socket channels. Version 9.0.2 communication to the field is through a single "Direct Ethernet Channel".
- Browser - Properties Editor –
 - If you download properties to TAP or Solo Terra MVP, the system may indicate a download failure. When you exit Property Editor, save changes, do a Learn, and then make sure you have correct properties. Usually, properties have been correctly downloaded. Possibly, it may be necessary to send the properties again.
- Browser - Detector Editor –
 - If you import older version detector files into the V9.0.2 detector editor, label sizes may NOT convert correctly. The workaround is to delete and re-draw the labels in V9.0.2.
- In the **AIS Camera Zoom Control utility**, you may see the "Tunnel Installation" box checked when you first connect to a camera. The "Tunnel Installation" feature sharpens the image for better performance in tunnel applications. To improve detection performance, for most outdoor applications, deselect this option.
TIP: Before you connect the coax to the camera, turn ON the zoom control modem.
- In the **Configuration Wizard**, to draw the detection zone close to the edge, do NOT use the mouse. When the detection zone is close to the edge of the image, use the cursor keys to move the detection zone.
- When you work at an existing installation, the **Configuration Wizard** can overwrite the detector output assignments. Before you start, make sure you save the existing detector layouts.

For some applications, you may need to **change the detector layout** from the Configuration Wizard. For example, in low-angle views across large intersections, you may need to lengthen and thin the Presence detectors. 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.



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Documentation & Assistance

After installation of the Autoscope Software Suite, to view and print the various Installation Guides, User Manual, ReadMe, or the Help files, you can select a shortcut from the Start menu. While you run the software, to go to On-Line Help, press the [F1] special function key. For more information, please see the 9.0.2 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. Direct your questions or comments to Autoscope Technical Support at 800.225.6480, +714.630.3700, or Support@Econolite.com.