

InfiniiVision Series Oscilloscope Secure Environment Mode Option

Data Sheet

Protect your scope data and settings

The secure environment mode option for InfiniiVision 5000, 6000 and 7000 Series oscilloscopes provides the highest level of security by ensuring that internal memory is clear of all setup and trace settings in compliance with National Industrial Security Program Operating Manual (NISPOM) Chapter 8 Information System Security requirements.

When secure environment mode is installed, trace and setup data are stored to internal volatile memory (rather than internal non-volatile memory). Oscilloscope trace and setup data are erased when the power is shut off. This ensures that any trace and setup data will not be visible to the next user upon power-up. The clock, LAN, and GPIB settings are not discarded upon power-down.

To permanently store data, you can save it to an external USB memory device through the oscilloscope's front panel USB port.

Once installed, secure environment mode cannot be disabled. Secure environment mode is available beginning with system software version 3.50. As a precaution against attempting to defeat secure environment mode, this option prevents older software from being installed.

When installed, the secure environment mode license will appear as SEC in the Installed Licenses line of the "About Oscilloscope" display. To access the About Oscilloscope display, press the **Utility** key, then press the **Service** softkey, then press the **About Oscilloscope** softkey.

For more information, visit www.agilent.com/find/security.

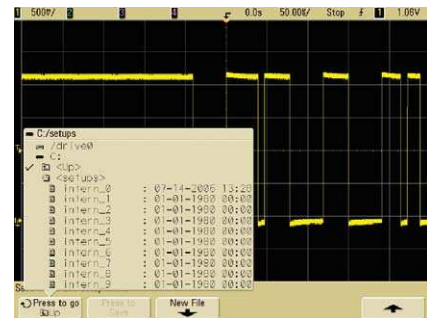


Figure 1. When secure environment mode is installed, trace and setup data are stored to internal volatile memory.



Figure 2. To permanently store data, you can save it to an external USB memory device through the oscilloscope's front panel USB port.



Ordering information

To order secure environment mode as a factory-installed product option when you order a new 5000, 6000 or 7000 Series oscilloscope, add “-SEC” to the scope model number.

If you want to add secure environment mode to an InfiniiVision 5000, 6000 Series oscilloscope you already own, order model N5427A. The option can be self installed, or you can return your oscilloscope to an Agilent service center for installation.

Agilent model number	Description	Series
Option SEC	Secure environment mode option for InfiniiVision Series oscilloscopes (factory installed option at time of initial scope purchase)	5000 6000 7000
N5427A	Secure environment mode option for 5000, 6000 and 7000 Series oscilloscopes (service-center-installed or self-installed on previously purchased InfiniiVision Series scopes) *Plus license installation cost	

NOTE: The SEC option works best with new instruments and previously purchased instruments that have not previously stored “confidential” trace or setup data to a non-volatile memory.

If you have a InfiniiVision Series scope that has been purchased without SEC and you have saved “confidential” trace or setup data to memory to ensure a secure environment, you should remove and destroy the oscilloscope’s acquisition board before installing the N5427A. After purchasing and installing a new acquisition board, install the N5427A.

Related literature

Publication title	Publication type	Publication number
<i>Agilent InfiniiVision 5000 Series Portable Oscilloscopes</i>	Data sheet	5989-6110EN/ENUS
<i>Agilent Technologies 6000 Series Oscilloscopes</i>	Data sheet	5989-2000EN/ENUS
<i>Agilent Technologies 5000, 6000 and 7000 Series InfiniiVision Oscilloscope Probes and Accessories</i>	Data sheet	5989-8153EN/ENUS
<i>Agilent Technologies InfiniiVision 7000 Series Oscilloscopes</i>	Data sheet	5989-7736EN

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LXI

www.lxistandard.org
LXI is the LAN-based successor to GPIB, providing faster, more efficient connectivity. Agilent is a founding member of the LXI consortium.

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