The Arium LC-500Se is our most popular probe for targets with ARM® cores. The unit offers reliable run control and intuitive stepping features. It’s designed for speed, too, with fast file and image downloads and quick stepping through code. When coupled with SourcePoint™, ASSET’s flagship debugging software, the hardware assisted debugger operates on Microsoft® Windows® and Linux hosts and offers debug of Linux kernel, device driver, and application source code. Featuring real-time event management and independent processor control, the Arium LC-500Se delivers superb visibility to and manipulation of source code. More information on SourcePoint can be found on the web site under www.asset-intertech.com/Products/SourcePoint/SourcePoint-for-ARM.

Key Benefits

- **Powerful** - The Arium LC-500Se offers unparalleled run control functionality and execution processing for ARM-architecture processors.

- **Integrated & Intuitive** - The Arium LC-500Se provides integrated run control and CoreSight Trace support when paired with the SourcePoint™ debugger. This highly integrated, intuitive environment designed to help you minimize iterative steps and shorten your debug cycle.

- **User-friendly** - The Arium LC-500Se is easy to install and configure, giving you a fast start to your debug project.

- **Flexible** - The Arium LC-500Se works with a number of ARM-architecture cores/processors.

- **Value Packed** - Full ARM and Thumb™ instruction set debug at a competitive price.

- **Fully Supported** - All Arium run-controlled probes produced for the embedded market are fully supported by our highly trained staff of applications engineers.

Specifications:

- **Environmental**
  - 32-90°F (0-31°C)
  - Maximum humidity - 85%

- **Communications**
  - 10/100/Ge Ethernet
  - USB 2.0
  - Device Frequency
  - Up to 20 MHz
  - Download Speed
  - >200 KBytes/sec

- **Trig In**
  - >50 Ohm, 155 ns maximum delay

- **Trig Out**
  - 50 Ohm, 125 ns maximum delay

- **Dimensions (Inches)**
  - (W) 3.800
  - (L) 5.004
  - (H) 1.510

PC Host Requirements

- Intel/AMD processor (2.4 GHz recommended)
- Microsoft Windows Vista/7 or Linux
- SVGA monitor (1024 x 768 or higher)
- 120 MB hard disk space
- 2G RAM (8G recommended)
- 10/100/Ge Base-T Ethernet or USB 2.0 -or-
- USB 1.1 / 2.0 (USB 2.0 recommended)

Supported processors:

- **ARM RISC core architecture**
  - ARM9™
  - ARM1™
  - Cortex™ ARM
  - Cortex™ A53/A57

- **Freescale architecture**
  - i.MX6
  - i.MX 21
  - Control plane processors
  - Network processors

- **Texas Instruments processors**
  - Stellaris™, Sitara™
  - OMAP™, Hercules™