

ARINC 615 Data Loader

Software Data Loader Supporting ARINC 615-3 & 615-4 Operations

AIT's ARINC 615 Data Loader development kit (F-SIM-LDR-615) provides an ARINC 615-3/4 compliant Data Loader software package that inlcudes an easy to use, intuitive, software data loader user interface application as well as a command line data loader. The ARINC 615 Data Loader development kit can be combined with any of AIT's ARINC 429 interface modules (available in PCI, PCI Express, USB, PXI, and PXI Express form factors) to provide a fully functional, off the shelf Portable Data Loader (PDL) solution.



AIT Portable Data Loader System

Key Features

- Compliant with ARINC 615-3 and 615-4
- Compatible with AIT USB, PCI, PCI Express, PXI, & PXI Express ARINC 429 interface hardware
- Simple and intuitive GUI supports Load operations
- Executes loads from standard Config.LDR and ExConfig. LDR files/media
- Complete, timestamped data logging of load operations
- ARINC 429 Analyzer functions provided, inlcuding ARINC 615 message decode/display
- Command line (batched or scripted) operations supported
- Supported for MS Windows (XP, 7, 8, & 10) and Linux (Ubuntu & CentOS)

Ordering Information

F-SIM-LDR-615-WIN

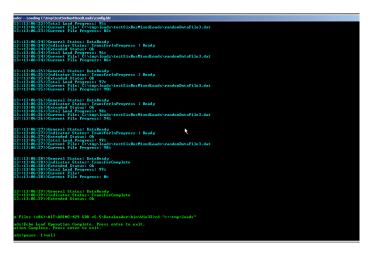
A615 Data Loader Development Kit for Windows (XP, 7, 8, 10)

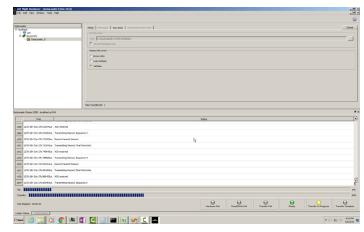
F-SIM-LDR-615-LNX

A615 Data Loader Development Kit for Linux (CentOS & Ubuntu)

CBL-615

Standard ARINC 615 Data Loader Interface Cable





F-SIM-LDR-615 Command Line

F-SIM-LDR-615 UI Application

Flexible Hardware Options

The F-SIM-LDR-615 data loader development kit software can be paired with any of AIT's ARINC 429 interface modules to support a wide variety of data loader application environments. Compatible ARINC 429 interface modules are available in many form factors The modules are supported by Windows (XP/7/8/10) and Linux (CentOS & Ubuntu) device drivers for easy integration.

PCI

For Desktop PC Applications



PCI Express

For Desktop PC Applications



PXI & PXI Express

For ATE Environments



USB

For Portable (PDL) Applications



PMC

For Embedded & Rugged Applications



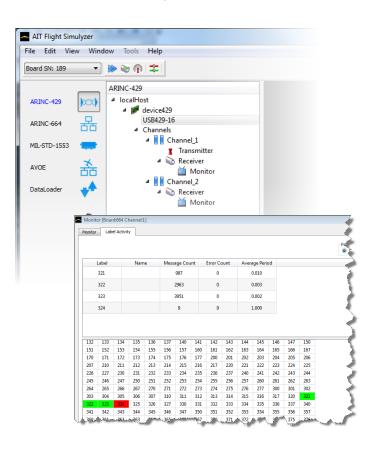
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For Embedded & Rugged Applications



Easy Software Integration

In addition to the F-SIM-LDR-615 GUI application, data load operations can also be controlled from an easy to use command line interface which allows the ARINC 615 loader to be embedded into custom and proprietary software applications. Additioanlly, the ARINC 615 data loader console application allows users to batch and script sequences of common operations into batch and script command files. The data loader software application is also integrated with AIT's ARINC 429 Analyzer software (F-SIM-A429) which allows the same ARINC 429 hardware to be used, simultaneously as a Data Loader and an ARINC 429 Analyzer/ Simulator device. The ARINC 615 data loader is also integrated into the same application software that provides support for ARINC 615A (Ethernet) data loader operations.



AIT ARINC 429 Analyzer & Simulator Applications Software

Fully integrated and customized data loader solutions also available. Contact AIT Directty for details!