

# Press

## release

## February 2007

### Fourth Generation STANAG3910/EFEX Test & Simulation Card for Eurofighter Avionics Testing - Model APX3910

AIM GmbH has introduced its fourth generation, advanced PCI/PCI-X compatible, APX3910 card for analyzing, simulating, monitoring and testing of STANAG3910/EFabus Express (EFEX) data busses which provide the inter-connection of the on board avionics systems on the Eurofighter Typhoon aircraft and the Tranche 2 programme. The APX3910 has a highly integrated design (including the FOFE) implemented on a single 'Short Length' PCI-X card format. Full protocol testing and Simulation of the STANAG3910 LS / HS Bus Controller, Multiple Remote Terminals and Chronological Monitoring operate at full bus loads concurrently. Support for EFabus Direct Digital Links (DDL) & Fibre Optic DDL (FODDL) acquisition is included.

STANAG3910 and EFabus Express (EFEX) protocols are co resident. Customers that require support of both standard EFabus and EFabus Express (EFEX) extensions can choose the required protocol via a switching key for selection between each mode of operation. The APX3910 incorporates two high performance 600Mhz Xscale Processors and an additional

400Mhz Intel IOP Application Support Processor. It is equipped with 16Mbytes Global memory plus 64Mbyte ASP memory. An on board IRIG B time decoder provides a sinusoidal output and free wheeling mode for time tag synchronization on the system level. It is also available in Full Function, Single Function & Simulator only versions.

Full function driver software is delivered with APX3910 cards supporting WIN2000/XP, Linux and a LabVIEW/VI, LabWIN/CVI so customers can easily integrate the card into any host processor platform. The optional STANAG3910/EFEX, PBA-3910-EFEX/

ParaView Databus Analyser/ Visualiser Software

(for Windows) plus the all new PBA.pro™

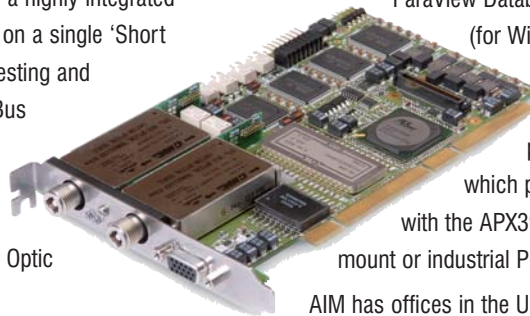
Databus Test & Analysis Tool

(for Windows & Linux) can also be

purchased for use with APX3910 cards

which provides a complete 'Turn-key' solution

with the APX3910 card installed in a desktop, rack mount or industrial PC.



APX-3910

AIM has offices in the USA and the UK with the main design and manufacturing facilities based in Freiburg, Germany. Our full service technical web site offers a powerful Download Area providing online product updates and a full documentation service. AIM markets and supports its products through authorized Representatives worldwide. For more information please visit AIM's web site: [www.AIM-ONLINE.com](http://www.AIM-ONLINE.com)

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