



## PCMCIA Card Debugger/Exerciser

October 20, 1997

Product Specification



**Mobile Media Research, Inc.**

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### Overview

Mobile Media Research's PCMCIA Card Debugger/Exerciser is designed for both hardware and software engineers in the development phase of a PCMCIA product.

Professional and Lite versions are available depending upon the needs and budget of the user. The features of each are listed below.

### Lite Version Features (SW-002-LV)

- Engineering debug software for PCMCIA hosts and cards
  - Supports 82365SL-compatible based hosts
- Fully compatible Microsoft Windows-based GUI
  - Provides easy control of host functions
  - Generates PCMCIA bus cycles on the selected socket
  - Allows direct access to PCIC registers
  - Integrates all functionality necessary for PCMCIA compatibility testing in one screen
- Supports basic and necessary PCMCIA debug and testing features:
  - Register access
  - I/O and memory window set-up
  - Socket configuration access

Card Memory Address					
Start #0	FFFF	Stop #0	FFFF	Offset #0	FFFF
Start #1	FFFF	Stop #1	FFFF	Offset #1	FFFF
Start #2	FFFF	Stop #2	FFFF	Offset #2	FFFF
Start #3	FFFF	Stop #3	FFFF	Offset #3	FFFF
Start #4	FFFF	Stop #4	FFFF	Offset #4	FFFF

Control and Status Registers	
Interface Status	FF
Card Status Change	FF
Identification/Rev	FF
Pwr/Rst Div	FF
Interrupt/General Control	FF
IO Control	FF
Address Window Enable	FF
CSC Interrupt Configuration	FF

Card IO Address	
Start #0	FFFF
Stop #0	FFFF
Start #1	FFFF
Stop #1	FFFF

Read All Write All

Close

Figure 1. PCMCIA Card Debugger/Exerciser Window

## Professional Version Features (SW-002-PV)

- All features of Lite version plus these debug and test features:
  - Card Configuration Register support, up to 16 registers, especially useful for multi-function cards
  - ATA card debug module (supports ATA interface)
  - Built-in CIS Parcel, with tuple browser to read the CIS
- Built-in command Macro/Interpreter
  - Supports user programmable "Macro" commands to generate system cycles for PCMCIA host/card debug
  - Up to eight user-defined command lines
  - Trace, Normal and Step options
  - Loop control capability
  - Results displayed in monitor window
- Excellent for high-volume testing
- Ideal for Host or PC-Card debug, characterization and evaluation

## Available Support Products

Support products available from Mobile Media Research. Please contact Mobile Media Research for additional information.

- PCMCIA Prototyping Card
- CIS Generator 1.2 software

## Ordering Information

To purchase or make further inquiries about this or other Mobile Media Research products, contact MMRI directly.

## Related Information

### Xilinx Programmable Logic

For information on Xilinx programmable logic or development system software, contact your local Xilinx sales office, or:

Xilinx, Inc.  
2100 Logic Drive  
San Jose, CA 95124  
Phone: +1 408-559-7778  
Fax: +1 408-559-7114  
URL: [www.xilinx.com](http://www.xilinx.com)

For general Xilinx literature, contact:

Phone: +1 800-231-3386 (inside the US)  
+1 408-879-5017 (outside the US)  
E-mail: [literature@xilinx.com](mailto:literature@xilinx.com)

For AllianceCORE™ specific information, contact:

Phone: +1 408-879-5381  
E-mail: [alliancecore@xilinx.com](mailto:alliancecore@xilinx.com)  
URL: [www.xilinx.com/products/logiccore/alliance/tblpart.htm](http://www.xilinx.com/products/logiccore/alliance/tblpart.htm)

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