

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *American Dynamics AD2081* at our website: *Click HERE*

AD2081 Series

RS-232 PORT EXPANDER



The AD2081 is used to expand a single RS-232 port on a matrix switching system to four ports. Each of the four ports then has an alphanumeric designation such as 1a, 1b, 1c and 1d.

The Port Expander is compatible with the full range of American Dynamics Matrix Switcher/Controller Systems and Keyboards as well as accessory products such as the Alarm Interface Unit.

The AD2081 series is installation friendly, utilizing RJ-45 connectors for all device connections. It can be mounted virtually anywhere with the high-strength Velcro pads. Power on status and RS-232 activity is indicated with easy to see LEDs.

FEATURES

- 4 RS-232 device ports and 1 CPU port
- Selectable baud rate via dip switches
- Status LEDs on front and back of unit
- Installation friendly RJ-45 connections

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

SPECIFICATIONS

Model Numbers

AD2081 . . . . . .120VAC 50/60 HZ, Desktop
AD2081-1 . . . . . .230VAC 50/60 HZ, Desktop

Product Compatibility

MegaPower 1024 (AD1024) Matrix Switcher (all versions)
MegaPower 48 Matrix Switcher (all versions)
MegaPower 168 (AD168) Matrix Switcher (all versions)
AD2150 Matrix Switcher (all versions)
MP1000cc, AD2088, and ADTTE series keyboards
AD1024DBVL Data Buffer with Video Loss detection
AD2096 Series Alarm Interface Units

Connectors

Power . . . . . .2-pin removable plug connector
RS-232 - System 1 RJ-45
RS-232 - Device 4 RJ-45

Electrical

Supply Voltage
AD2081 . . . . . .120/230 VAC, 50/60 Hz
Power Consumption . . . . . .3.4 W (nominal)
Input Voltage: . . . . . .8-12 VAC @ 0.5 Amps max. 120 V Version
8-12 VAC @ 0.5 Amps max. 230 V Version

Baud Rate Table

Switch 1 Position	Switch 1 Position	CPU Baud Rate	External Device Baud Rate
on	on	38400	9600
on	off	19200	4800
off	on	9600	2400
off	off	4800	1200

Mechanical

Mounting: . . . . . .Wall or Rack, using Velcro strips provided with unit
Dimensions . . . . . .8.1 x 5.2 x 1.2 in (20.6 x 13.3 x 2.9 cm)
Weight . . . . . .1.3 lb (0.6 kg)
Shipping Weight . . . . . .3.0 lb (1.4 kg)
Construction . . . . . .Metal Case
Color . . . . . .Black

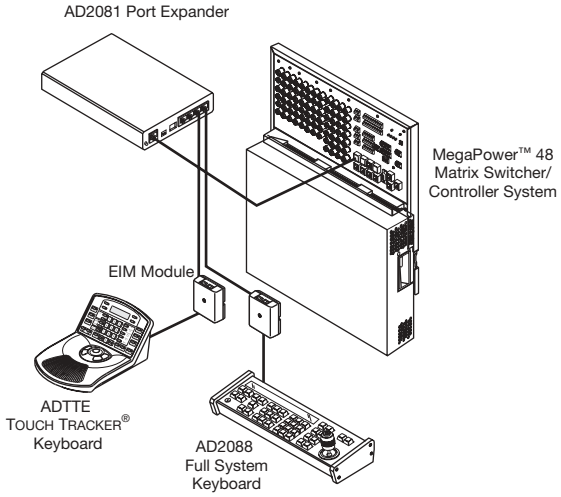
Environmental

Operating Temperature . . . . . .0° to 50° C, (32° to 122° F)
Storage Temperature . . . . . .-40° to 70° C, (-40° to 155° F)
Operating Humidity . . . . . .90% RH, non-condensing

Regulatory

Emissions . . . . . .FCC Part 15, Subpart B Class A
CE: EN55022 class B
Immunity . . . . . .CE: EN50130-4
Safety . . . . . .CE and UL approved external transformers supplied with units

Basic System Diagram



Product specifications and availability subject to change without notice.
Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

CE

VS296-03 10/03 A4
©2003 Sensormatic Electronics Corporation

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP