Allied Analogic, Inc
Unique products for the electronics industry.

Specifications†

Modem Support:

- Bell 103, ITU 300, ITU v.21, ITU v.22, and ITU v.22bis
- Asynchronous
- Synchronous (HDLC)

Capture Capacity:
128 Kb

DC Metering:

- ± 0 to 60 Vdc @ ≈ 117 mv/bit
- Auto Polarity
- Digital display

AC Metering:
-30 to +3 dbm @ ≈ 4 mv/bit

DTMF Decode:

Hz	1209	1336	1477	1633
697	1	2	3	A
770	4	5	6	B
852	7	8	9	C
941	*	0	#	D

LCD display:
320 x 240, backlight, contrast control

Keypad:
Sixteen key keypad, six special keys, four screen keys

Speaker:
Volume controlled output from selected line

Audio Line Out:
Compatible with MIC input on PC

Real-time Clock:
Battery backed, date/time stamping

PC Interface:
USB 2.0

CPU:
M16C/20 @ 16Mhz

Power:

External	9 -12V DC @ 1 amp
Internal	4.8V DC @ 2700mah
	Six to eight hours operation on full charge.

† Specifications are subject to change.

AA Logic
408 Southridge Dr.
Weatherford, TX 76087

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Analog Data Monitor 2400
Product Information

- **Debug Modem Application Programs**
- **Validate Line Connection**
- **Test Signal Levels**
- **Check Timing of Data Flow**
- **View Connection Events**
- **Identify Noisy Operating Environments**
- **DTMF Decoding**
- **Stand–Alone Operation**
- **Expanded Analysis with USB Computer Interface and optional AALogic View Software.**

www.AALogic.com

ADM 2400

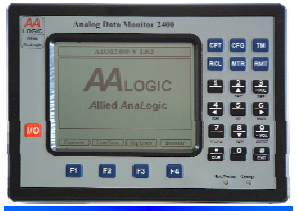
The ADM 2400 is a completely *portable* modem data monitoring device.

Display

The ADM 2400 has a 320 x 240 LCD graphic display with backlighting and contrast control for use in any location.

Keypad

The keypad has sixteen standard keys plus six special function keys and four screen addressable keys making it a snap to use the ADM 2400.



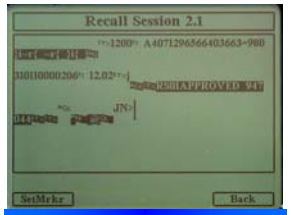
Backlit 320 x 240 LCD

Battery Power

The internal battery powers the ADM 2400 for six to eight hours of continuous portable operation. The included universal power supply operates on 100 to 240V and 50 to 60 Hz.

Data Capture Storage

The ADM 2400 offers the ability to save capture sessions in 128Kb of memory. The sessions can later be recalled for further analysis.



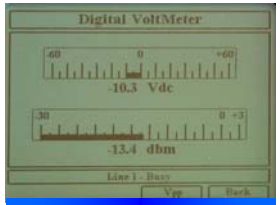
Stored Capture Sessions

Timing

The ADM2400 includes a real-time clock allowing it to capture detailed timing information on a character by character basis. This new feature allows timing measurements for transmission times, response times, delays, etc.

Line Profile — Digital Metering

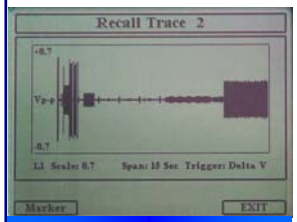
Many communications problems are caused line problems. The ADM 2400 includes DC line measurements and AC noise measurements to help identify these problems. These measurements reduce troubleshooting time and get systems back online more quickly.



Digital Metering

Signal Trace

The signal trace displays a graphical representation of the AC signals on the line. Signal Trace makes it quick and easy to understand the line activity including dial tone, DTMF tone bursts, reorder tone, busy signals, carrier tones, and data signals are plotted on the display.



Signal Trace

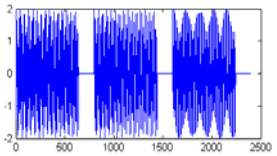
The session storage feature saves trace information for additional diagnostics and timing measurements.

DTMF Decoding

The DTMF decoding feature allows users to quickly verify dialed DTMF sequences and control tones to detect and eliminate possible dialing errors.

Audio Output

The ADM 2400's audio output jack provides a mechanism for recording line audio. Audio output is routed to a standard PC microphone jack. After capturing the data on the PC, it can be processed using audio editing and analysis software programs .



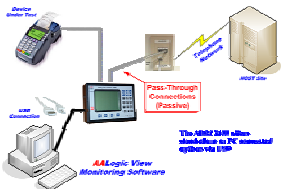
New PC Interface Support

Our new PC interface is USB 2.0. USB has become the dominant peripheral interface on today's computers and many customers have requested a USB interface. The USB interface connects the ADM 2400 to the PC for use with ***AALogic View*** application software.

AALogic View

Starting and stopping sessions, modifying capture parameters, and recalling session information remotely are accomplishing using ***AALogic View*** - Allied Analogic's new data analysis platform.

AALogic View has been developed by Allied Analogic, Inc. as our platform for data analysis. Exciting additions are planned for the future.



AALogic View

Upgradeable

Keeping the ADM 2400 current is easy. Operating system upgrades are loaded to the ADM 2400 flash memory from a PC using ***AALogic View*** software .

Application Modules

In addition, optional application modules and custom modules can be developed to make the ADM 2400 more versatile. These modules can be installed into the ADM 2400 using the ***AALogic View*** software.

For more information about the ADM 2400 and other quality products, contact:

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