



APOGEE LABS

AL2873

CONFIGURABLE INTERFACE UNIT



FEATURES

- Bit Error Rate Testing
- Bit Sync System
- Fiber Optic Transport
- Data Acquisition
- Signal Distribution
- Signal Conversion
- Level Conversion
- Logic Change
- Time Distribution
- Video Switching
- Communication Protocol
- Opto-Isolation
- Clock Regeneration & Code Conversion
- Impedance Matching

OVERVIEW

The AL2873 Configurable Interface Unit (CIU) is a modular equipment chassis that provides the platform for a wide variety of Interfacing Functions. Protocol conversion, link testing, data acquisition, and signal distribution are just a few of the capabilities of this system. Please visit our website (www.apogeelabs.com) and browse our comprehensive list of offerings.

With 14 module slots, multiple applications can be simultaneously supported. An easy to read front panel and hex-numeric keypad make setup and monitoring of application modules extremely simple. All information and configuration setup is available through remote control via a 10/100 Mbps Ethernet connection. Pluggable redundant power supplies are available for this system to provide extra peace of mind.

SPECIFICATIONS

FRONT PANEL

- High visibility LCD display
- Keypad for data entry and page navigation

PHYSICAL

- 3.5" H x 19" W rack mountable
- 14 application module slots
- Application modules 3" H x 5" D
- Pluggable power supply

ELECTRICAL

- 105-230 VAC / 47-63 Hz
- Typically <50W
- Pluggable redundant supply option (Models 2073-881 and 2073-882)

ENVIRONMENT

- Operating temperature: 0° to 50° C
- Altitude: Sea Level to 15,000 ft

REMOTE CONTROL

- Ethernet 10/100 connectivity
- ASCII coded command response

COMPATIBILITY

- The AL2873 will accept all AL2073 Interfacer modules that DO NOT require the 10 position rotary switch to function. This allows the addition of functions such as buffering, level conversion and fiber optic transport.
- NOTE: Some modules may require power other than the +5Volts supplied in the basic AL2873 chassis. These can be accommodated by adding optional power modules.