



APOGEE LABS

IOCREC1

RECORD/PLAYBACK MODULE



FEATURES

- Records/Plays back PCM data/clock
- FTP Server can be used to transfer prerecorded raw data files
- A removable compact flash card (64 GB) is used to store the data
- Supports data rates from 100 bps to 35 Mbps
- Output code conversions: NRZ-L, NRZ-M, NRZ-S, and RNRZ
- Data and clock output polarity settable
- Playback can be set in loop mode
- Playback rate is settable from 100 bps to 35 Mbps

OVERVIEW

This IOCREC1 Record/Playback Module provides a 2 slot wide recorder module for the AL6601. Files reside on a SD Card with no information stored on the IOCREC1 module itself. The IOCREC1 comes with a 64 GB SSD card which can hold approximately 4 hours of 35 Mbps data.

Data can be placed on the SSD card by inserting it into a PC and copying the files, by using the SFTP server on the IOCREC1, or by having the IOCREC1 record data on the input BNCs. Data is stored on the IOCREC1 in a raw format on top of a VFAT file system.

On playback, data is sent to the rear panel. The options for playback are playback rate, output code, output polarity and whether to playback the file once, or to loop back through the file until user interaction.

SPECIFICATIONS

PLAYBACK

- Data rates from 100bps to 35Mbps
- Output code conversions: NRZ-L,M,S; RNRZ
- Settable data and clock polarity
- Loop mode

RECORD

- Data rates from 100bps to 35Mbps

ETHERNET INTERFACE

- 10/100 Ethernet connectivity
- SFTP for Secure Data Transfer
- User password change

STORAGE

- All data is stored on removable SD card
- 64 GB SSD Card included
- Maximum file size: 4GB

ENVIRONMENT

- Operating temperature: 0C to +50C
- Storage temperature: -40C to +70C
- Relative humidity: up to 95% non-condensing

MECHANICAL

- Double slot module (6" x 3" x 1.8")