![DRT Digital Receiver Technology, Inc.]

DRT5403B

DESCRIPTION

DECL Recorder

The DRT5403B DECL Recorder can record or playback two or four 16 bit parallel Differential ECL (DECL) channels. The system stores recorded files in a large disk library. Different models have different storage capacities (see the table on next page). Recorded data may be accessed directly through the open Linux OS or via network file access using FTP, NFS, or Windows (Samba).

- Two or Four channel DECL recorder

- High performance architecture supports record and playback at up to 800 MByte/sec

- Differential ECL interface supports up to 200 MByte/sec per channel

- 100 MHz DECL Clock

- 16 Bits per channel

- Simple GUI to control record and playback operation

- RAID-6 disk architecture for maximum data integrity

- High performance standard file system

- Samba, FTP and NFS file access

- Dual, built-in 100/1000/10GBase-T Interfaces

- Up to 88 TB of RAID protected storage

Specifications

Recording Speed: 800 MB per second max.

DECL Interface Board: Bi-directional, 16-bit, 100MHz

Storage:

- High performance RAID-6 with peak performance up to 800MB/S
- 24 front loading disk drives

Dimensions (4U Size): 19 in W x 28 in D x 7 in H (48 cm x 71.12 cm x 17.78 cm)

Weight: ~100 lbs (45.4 kg) with drives

Power: 95-264 VAC, 47-63 Hz input. 500 watts (nom.), 800 watts (max.)

Network Access: Ethernet NFS, FTP and Windows (Samba) access

Command and Control: Command and Control is through direct access to the unit via a monitor/keyboard/mouse or through controller PC (user-provided) with GUI

Operating System: Linux 64-bit

Processor: Dual Hex Core Processor

Environmental:

- Operating: ambient +10° to +35°C (+50° to +95°F)
- Humidity: 20 – 80%, Non-condensing
- Altitude: up to 10,000 ft. (3,048 m)
- Meets MIL-STD-810F (Shipping) when in original shipping container or transport case.

Included:

- Two or Four 16 bit DECL channels (specified at time of order)
- Two or Four digital interface cables
- Operator Manual and Documentation on CD

DRT5403B V No. Model	Number of Channels	Storage Capacity	Storage Time (Single Channel @ 140 MB/Sec.)
DIM1B (1000C Systems)			
V7	2	22 TB	43.7 Hours
V8	4	22 TB	43.7 Hours
V9	2	44 TB	87.4 Hours
V10	4	44 TB	87.4 Hours
V11	2	66 TB	131.1 Hours
V12	4	66 TB	131.1 Hours
V13	2	88 TB	174.8 Hours
V14	4	88 TB	174.8 Hours