



# WIDE BAND DIGITAL RECORDER

## WBDR

WBDR is a solution for recording the analog signals upto Transponder Bandwidths (maximum of 40MHz) at 70MHz. Signal is recorded on the Solid State Drives which does not contain any movable parts. Replay feature of the WBDR enables analog reconstruction of the recorded signal back to the 70MHz IF. Sophisticated remote controllability makes system user friendly.

### Unique Features

- Single Channel
- Remote controllable stand alone Unit
- Maximum bandwidth upto 40MHz (40, 20, 10, 5, 2.5, 1.25, 0.625MHz)
- Extended dynamic range of 0dBm to -65dBm
- Configurable samplerates and bandwidth
- 3TB Solid state storage media (Maximum upto 4TB)
- 4 hours of recording time @ 40MHz bandwidth
- 4"U Rack mountable unit
- Developed using 3U VPX COTS modules



### WBDR Functional Capabilities

- Built-In-Test
- Recording
  - 16-bit Recording
  - Semiconductor recording media
  - Selectable bandwidths
  - Text annotation
  - Loop back
  - Automatic file name with task and time code
- Replay/Digital Replay
  - 16-bit Replay
  - File retrieval using file name or annotation
  - Spectrum is displayed on the remote PC
- Data transfer
  - Move the selected file to Remote PC
  - Delete the selected file
- Remote controllability over LAN.

NOTE : The specifications can be changed without notice due to technological advances.



Your IT Partner

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