

MUX/DEMUX - Data Link



MARM-2000 Features

- Acquires multiple asynchronous PCM and video data stream input channels for transmission as a single PCM stream channel
- Aggregate data output rate to 20 Mbps with NRZ-L or RNRZ-L output coding
- Rugged, small size and light weight
- Flexible system to support variety of applications
- Plug-in 2 channel PCM input modules (MPCI-102)
- Plug-in 1 channel video input module using H.261 video compression (MCVC-101)
- Plug-in 1 channel video/audio input module using MPEG-2 video compression (MVID-201M)
- Plug-in overhead module (MARM-120)
- Plug-in 1 channel video/audio input module using MPEG-4 video compression (MVID-401M)
- Plug-in 1 channel High Resolution video/audio input module using H.264 video compression (MVID-301D)
- Plug-in 1 channel video input module using JPEG-2000 video compression (MCVC-101J)
- Plug-in 1 channel 3G/HD-SDI video input module using H.264 video compression (MVID-301S)
- Plug-in 4 channel voice encoder module using straight binary or companding compression (MAUD-104M)
- Plug-in overhead module (MARM-120)
- Optional IRIG-B time tag (requires the MIRG-201B) supports high time, low time, and micro time
- Microsoft Windows application software included

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MARM-2000 & RMOR-2000D Datasheet

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Specifications subject to change without notice.
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RMOR-2000D Features

- Ground-station demux unit to reproduce in real time all PCM and video streams transmitted by the MARM-2000 unit
- DMX-100 PCM input card with built-in decompression
 - 20 Mbps aggregate input rate
 - Accepts PCM and zero-phase clock
- Optional bit-sync BSC-200 bit-sync card
- Plug-in 2 channel PCM output card (SOC-102)
- Plug-in 1 channel video output card using H.261 video compression (DVC-101D)
- Plug-in 1 channel video/audio output card using MPEG-2 video compression (DVC-201M)
- Plug-in 1 channel video/audio output card using MPEG-4 video compression (DVC-401M)
- Plug-in 1 channel video output card using JPEG-2000 video compression (DVC-101J)
- Plug-in 1 channel video/audio output card using H.264 video compression (DVC-301D)
- Plug-in 4 channel voice encoder output card (AUD-104M)
- 19" rack mount chassis
- 110-220 VAC, 50-60 Hz operation
- Microsoft Windows application software included

Applications

- Combines PCM from multiple vendors
- Mission performance
- Performance monitoring & evaluation
- Truth data (simulation/verification)



CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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