

DVM-2000 GigE Decoder



Performance

The DVM-2000 receives a GigE fiber input and decodes this source into up to 36 independent NTSC video and audio outputs.

GigE Input

- Data rate application from 125Mbps to 1250Mbps
- Compliant w IEEE 802.3z draft D5.0 1000BASE-SX Gigabit Ethernet
- SC connector
- MPEG-2 over IP service (UDP based)
- Providing up to 240 SD programs for video decoding.
- Config for IP address, subnet mask, and UDP port number.
- Filtering input packets based on IP address and UDP port number.

Video Decoding (Per Channel Basis)

- MPEG-2 Decoder in compliance with ISO/IEC 13818-1
- [MP@ML](#), [MP@LL](#), and SP@ML 4:2:0 video decoder
- 15Mbps max. video bitrate
- Average TS rate < 120 Mbps

Audio Decoding

- MPEG-2 PES streams (MPEG-2 audio, MPEG-1 audio, AC-3, or Linear PCM)
- Sample rates supported: 32kHz, 44.1kHz, and 48kHz.
- Handles rates up to 28.5 Mbps

User Interface

All settings and controls can be viewed and set using an RJ45 Ethernet

Available Modules

Inputs
GigE Fiber Input
Output
GigE Fiber Output Up to 36 NTSC Outputs And 36 Terminal Strip Audio outputs
Remote Control
RJ45 Ethernet

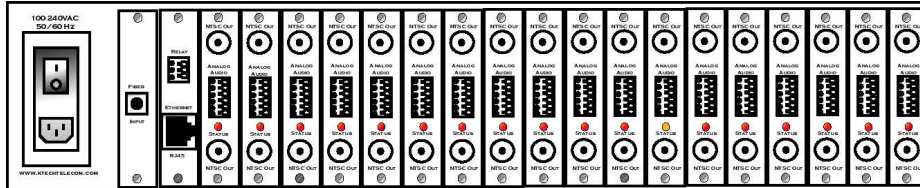
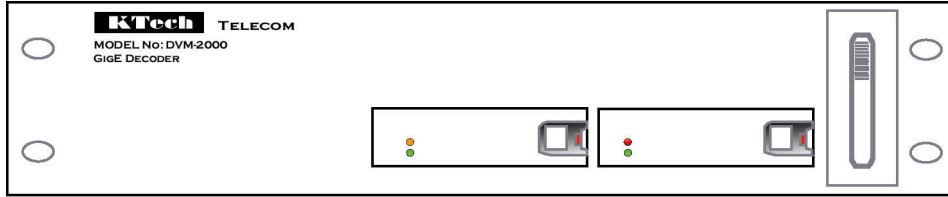
Applications

- **GigE to NTSC/Analog L&R**
(converting SD streams from Fiber to NTSC)
- **Digital Video Decoding and Monitoring**

General Specifications (all specifications are preliminary and subject to change)

AC Power		Weight	
Frequency	47-63 Hz	Net	20 lbs
Voltage	90-264 VAC	Gross	25 lbs
Current	1.2 A (max)		
Fuse	1.5A, 250V		
Hot Plug	Yes		
Operating Conditions		User Interface	
Temperature	0° - 50°C		RJ45
Altitude	12,000 ft.		
Humidity	95% non-condensing		
Cooling	Six 50mm Hot Pluggable Fan Tray		
Dimensions		Rack Space	
Height	3.50"		2U
Width	19"		
Depth	18"		

Ordering Information



Part Number	Description
DVM-2000	GigE Decoder