

DVM-2400 IP GATEWAY



Performance

The DVM-2400 receives GigE, 8-VSB RF, cable QAM RF or ASI input and converts the signal into ASI, GigE and NTSC video. It performs QAM to GigE conversion. Designed with pluggable modules, the GigE, 8-VSB, ASI and NTSC modules are interchangeable per user's requirements. **SD streams decoding only.**

GigE Input/Output

- Data rate application up to 1250 Mbps
- Compliant with IEEE 802.3z draft D5.0 1000 BASE-SX Gigabit Ethernet
- SFP connector (Supports both fiber and copper)
- MPEG2-over-IP service (UDP-based)
- Configure for IP address, subnet mask and UDP port number
- Filtering input packets based on IP address and UDP port number
- Pluggable

8-VSB/QAM Input

- 8-VSB/QAM RF input tuner

DVB-ASI Input/Output

- ASI Output card contains 2 BNCs, each carrying 1 MPTS
- Pluggable

Video Decoding (Per Channel Basis) (SD Only)

- MPEG2 Decoder in compliance with ISO/IEC 13818-1
- MP@ML, MP@LL and SP@ML 4:2:0 video decoder
- 9.5 MBits/Sec max. video bit rate
- Average TS rate < 120 Mbps
- Pluggable

Audio Decoding

- MPEG2 PES streams (MPEG2 audio, MPEG1 audio, AC-3 or Linear PCM)
- Sample rates supported: 32 kHz, 44.1 kHz and 48 kHz
- Handles rates up to 28.5 Mbps
- Pluggable

Secondary Audio Program (SAP)

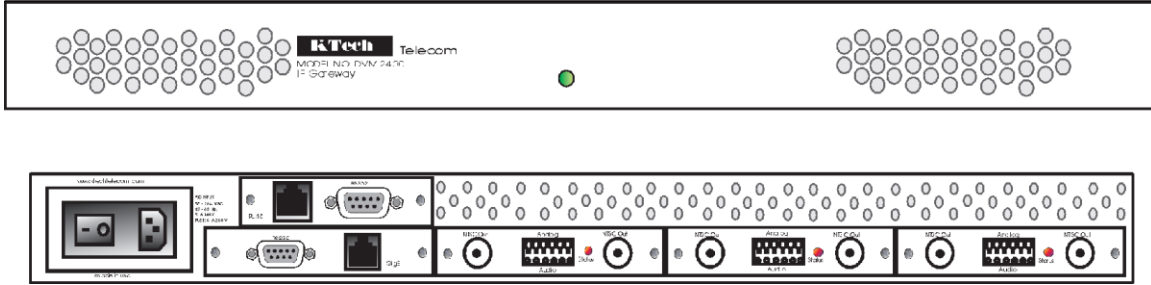
- Simultaneous decoding with Primary Audio
- A channel must be dedicated to decode the SAP

User Interface

- Each channel is fully programmable to any IP and UDP port number
- All settings and controls can be viewed and set using an RJ45
- Ethernet on web pages. Supports SNMP, FTP and HTML

Available Modules
Inputs
GigE (Fiber or Copper) Input
ASI Input (Optional)
8-VSB/QAM Input (Optional)
Output
GigE (Fiber or Copper) Output
6 NTSC and 6 Terminal Strip Audio L&R Outputs (Max)
ASI Output (Optional)
Remote Control
RJ45 100BaseT Ethernet
Power
AC

Applications
• QAM to GigE
• 8-VSB to GigE
• GigE to ASI
• ASI to GigE
• 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		User Interface	RJ45
Frequency	47-63 Hz	Support	SNMP, FTP, HTML
Voltage	85-264 VAC		
Current	2 A (max)	Weight	
Fuse	3 A, 250 V	Net	10 lbs
Hot Plug	No	Gross	15 lbs
Redundancy	No		
		Dimensions	
Operating Conditions		Height	1.75"
Temperature	0° - 50°C	Width	19"
Altitude	10,000 ft.	Depth	18.7"
Humidity	95% non-condensing		
Cooling	Forced air front entry real exit	Safety & Agency	UL, FCC

Ordering Information

DVM-2400	SLOT #1	SLOT #2	SLOT #3	SLOT #4
Includes one 1RU bare chassis and management included	Select A1 (ASI Input) or G1 (GigE Input) R1 (8-VSB/QAM Input)	Select A2 (ASI Output) or G2 (GigE Output)	Select A2 (ASI Output) or X1 (NTSC Out)	Select A2 (ASI Output) or X1 (NTSC Out)

Optional Equipment Ordering Information

Part Number	Description	Part Number	Description
X1	Decoder Module: 2 Video and 2 L&R Audio	A2	ASI Output Card
A1	ASI Input Card	G2	GigE Output Card
C1	1RU Bare Chassis	C2	GigE SFP Fiber Connector
G1	GigE Input Card	C3	GigE SFP Copper Connector
R1	8-VSB/QAM RF Input Card		

To inquire about pricing and delivery, please contact: sales@ktechtelecom.com or visit us at: www.ktechtelecom.com

