



## HDDM

### High-Definition Decoder Module - Off-Air/QAM/IP

## Video Link Receive Sites

1xOff-Air/  
Clear QAM

1xIP Streams



1xComponent

1xHDMI

### Features

- The decoder is capable of decoding Off-Air, Clear QAM, and IP content
- Supports simultaneous video outputs
- Supports MPEG-2 and H.264 content
- Closed captioning
- Rack-mountable two across in 1RU
- Accepts VBR (Variable Bit-Rate) and CBR (Constant Bit-Rate) Video Streams
- IGMPv2 and IGMPv3 support
- UDP and RTP Protocols support
- Unicast or Multicast
- Separate Web-based management port for local and remote control

## HDDM

### High-Definition Decoder Module - Off-Air/QAM/IP

## Specifications

### INPUT

<b>IP Mode</b>	<b>Connectors:</b> RJ-45 <b>Standard:</b> 100/1000Base-T Ethernet <b>UDP/RTP:</b> Supported <b>Protocols:</b> IGMPv3/IGMPv2 Supported
<b>Stream Portfolio</b>	<b>SPTS and MPTS:</b> Null Packet Deletion <b>Bit Rate:</b> Variable and Constant
<b>8VSB Mode</b>	<b>Connectors:</b> 1x "F" Female <b>Standard:</b> ATSC Digital Television A/53E <b>Tuning Range:</b> UHF (Ch.14-69), VHF (Ch.2-13) <b>Data Rate:</b> 19.392 MHz <b>Bandwidth:</b> 6 MHz <b>Power Level:</b> -20 to +20 dBmV <b>Impedance:</b> 75 Ω
<b>QAM Mode</b>	<b>Connectors:</b> 1x "F" Female <b>Standard:</b> ITU-T J.83; Annex A and B (64 and 256 QAM) <b>Tuning Range:</b> CATV Ch. 2-135 (STD, HRC, IRC) <b>Data Range:</b> 38.8 Mbps (QAM 256); 26.97 Mbps (QAM 64) – Auto Detect <b>Bandwidth:</b> 6 MHz <b>Power Level:</b> -15 to 20 dBmV (@ QAM 256) -20 to 20 dBmV (@ QAM 64) <b>Impedance:</b> 75 Ω

### OUTPUT

<b>HDMI</b>	<b>Connectors:</b> 1x HDMI <b>Video Resolution:</b> 480i, 720p, 1080i, & 1080p <b>Audio:</b> Embedded PCM & pass-through Dolby® Digital only
<b>Composite</b>	<b>Connectors:</b> 1x RCA for Video (Y) <b>Video Resolution:</b> 480i <b>Audio:</b> 2x RCA for Analog Audio (L,R)
<b>Component</b>	<b>Connectors:</b> 3x RCA for Video (Y, Pb, Pr) <b>Video Resolution:</b> 480i, 720p, & 1080i <b>Video Aspect Ratio:</b> 4:3 & 16:9 <b>Audio:</b> 2x RCA for Analog Audio (L,R)

### General

<b>Dimensions (W x D x H):</b>	8.69 x 12.70 x 1.97 inches (220.7 x 322.6 x 50.0 mm)
<b>Power:</b>	5 VDC External Power Supply
<b>Power Dissipation:</b>	20 W
<b>Weight:</b>	3.0 lbs (1.36 kg)
<b>Operating Temperature:</b>	32 to 122 °F (0 to 50 °C)
<b>Storage Temperature:</b>	-13 to 158 °F (-25 to 70 °C)
<b>Operating Humidity:</b>	0 to 95% RH @ 35 °C max, non-condensing
<b>Storage Humidity:</b>	0 to 95% RH @ 35 °C max, non-condensing

### Alarms/Monitoring/Control

<b>Local Monitoring:</b>	2x Output Status Module LEDs 1x Power LED 1x Status LED
<b>Local Control:</b>	1x IP Reset button
<b>Remote Monitoring/Control:</b>	GUI-based menu via Web browser (1x RJ45 front-panel connector; 10/100Base-T) RS-232: DB-9 male, data link to local control IR input: 3.5 mm stereo input for external IR remote