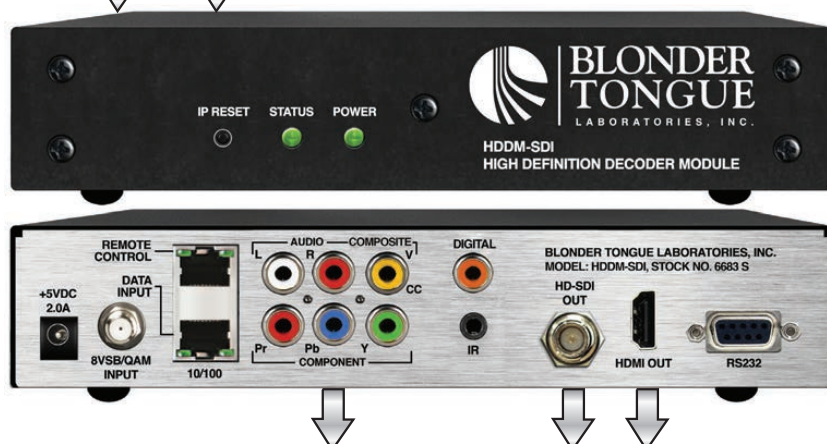




HDDM-SDI

High Definition Decoder with SDI Output Broadcast Monitoring

1xOff-Air/
Clear QAM ↓ 1xIP Streams ↓



↓ ↓ ↓
1xComponent 1xHD-SDI 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

Ordering Information

Model	Stock #	Description
HDDM	6683 S	High-definition Decoder Module With SDI Output

HDDM-SDI

High-Definition Decoder Module with SDI Output

Specifications

INPUT

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

OUTPUT

HD/SD-SDI	Connectors: 1x BNC Standards: SMPTE 292M (HD) & SMPTE 259M (SD) Video Resolution: 480i, 720p, 1080i, & 1080p Audio: Embedded PCM & pass-through Dolby® Digital only
HDMI	Connectors: 1x HDMI Video Resolution: 480i, 720p, 1080i, & 1080p Audio: Embedded PCM & pass-through Dolby® Digital only
Composite	Connectors: 1x RCA for Video (Y) Video Resolution: 480i Audio: 2x RCA for Analog Audio (L,R)
Component	Connectors: 3x RCA for Video (Y, Pb, Pr) Video Resolution: 480i, 720p, & 1080i Video Aspect Ratio: 4:3 & 16:9 Audio: 2x RCA for Analog Audio (L,R)

PRELIMINARY

Pre-Production Specifications

Subject to Change

General

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

Alarms/Monitoring/Control

Local Monitoring:	2x Output Status Module LEDs 1x Power LED 1x Status LED
Local Control:	1x IP Reset button
Remote Monitoring/Control:	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