

AVC/H.264 and MPEG-2 HDTV/SDTV Integrated Receiver Decoder (IRD)

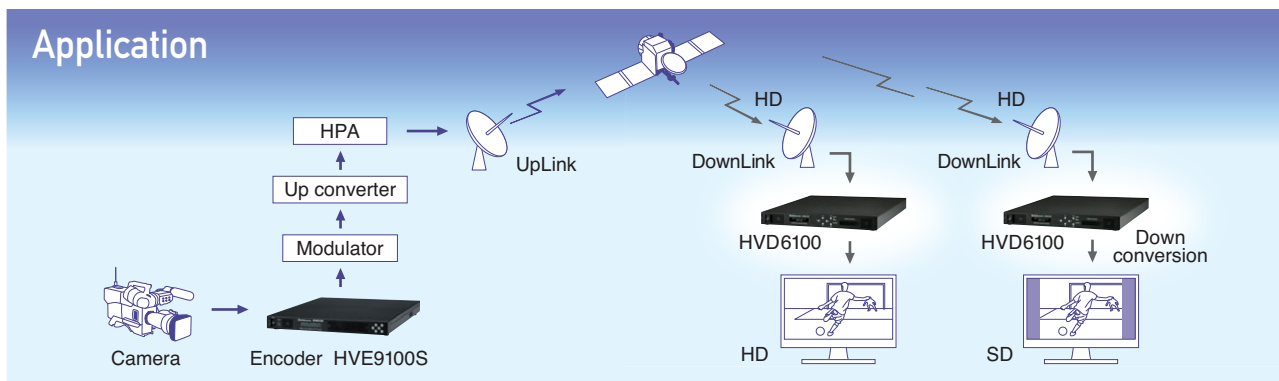
HVD 6100

AVC/H.264 & MPEG-2 4:2:2 / 4:2:0 IRD



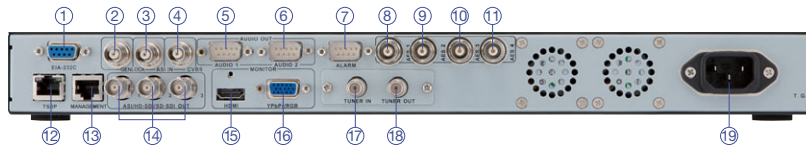
Multi-format IRD for AVC/H.264 and MPEG-2 4:2:2/4:2:0 HDTV/SDTV Contribution and Distribution with DVB-S2 Demodulator

- State-of-the-Art Demodulation (HVD6100 PS2 model)
 - DVB-S2 demodulator up to 32APSK
 - Supports DVB-DSNG: 16QAM, 8PSK (TC8PSK)
 - VCM and ASI Multistream mode for countermeasures for rain fade
- Broadcast Contribution Decoder
 - 3 Frames low latency with low bitrate (HVE9100S combination)
 - Built-In Ethernet Interface for IP connections with FEC



Rear Panel

*Photo: HVD6100



- ① EIA-232C
- ② GENLOCK IN
- ③ ASI IN
- ④ CVBS OUT
- ⑤ AUDIO OUT1
- ⑥ AUDIO OUT2
- ⑦ ALARM
- ⑧ AES OUT1
- ⑨ AES OUT2
- ⑩ AES OUT3
- ⑪ AES OUT4
- ⑫ TS/IP IN/OUT
- ⑬ MANAGEMENT
- ⑭ HD-SDI/SD-SDI/ASI x 3 Switchable
- ⑮ HDMI OUT
- ⑯ Video OUT
- ⑰ YPbPr/RGB
- ⑱ TUNER IN **
- ⑲ TUNER OUT **
- ⑳ AC 100 - 240V IN

Specifications

**HVD6100 - PS2 Input x 2 (⑰TUNER IN B, ⑱TUNER IN A)

Features		Specifications	
Demodulation	Specifications	HVD6100 Premium Demodulator Model HVD6100 PS2-32A/HVD6100 PS2-16A/HVD6100 PS2-8PS	HVD6100 Standard Demodulator Model HVD6100
	Demodulation / Symbol Rate (MSPS)	DVB-S2 (EN302 307): QPSK, 8PSK; 0.256 to 45MSPS (Data rates < 1MSPS require pilots) (32A,16A, 8PS) 16APSK; 0.256 to 45MSPS (Data rates < 1MSPS require pilots) (32A,16A model) 32APSK; 1 to 33MSPS (Normal Frames only) (32A model)	DVB-S2 (EN302 307): QPSK, 8PSK; 5 to 45MSPS
	Coding and Modulation	DVB-S (EN300 421) / DVB-DSNG (EN301 210): QPSK, 8PSK, 16QAM: 1 to 45MSPS	DVB-S (EN300 421): QPSK: 5 to 45MSPS
	Frame Length	Auto-CCM, CCM*, VCM* *ASI multistream capable	Auto-CCM
	FEC	Short Frame: 16kbits, Normal Frame: 64kbits	Normal Frame: 64kbits
	Pilot tones	(DVB-S2) QPSK: 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (32A, 16A model) 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10 (32A model)	(DVB-S2) QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
	Input Frequency Range	(DVB-S/DSNG) QPSK: 1/2, 2/3, 3/4, 5/6, 7/8; 8PSK: 2/3, 5/6, 8/9; 16QAM: 3/4, 7/8	(DVB-S) QPSK: 1/2, 2/3, 3/4, 5/6, 7/8
	Roll-off Factor	Pilot tones detection for low data rates and LNB' switch a bad phase noise (in 8PSK or higher)	
	Signal Level	IF 950 - 2150MHz (L-Band)	
	RF Input connector	DC output: Off/13V (Vertical) / 18V (Horizontal)	
Decode	Stream Type	Max Current: 300mA	Max Current: 350mA
	Input Interface	Band Switching: Off/22kHz	LNB switching: DiSEqC 1.0
	Max. Input Rate		
	Decryption		
	Interface		
	Format		
	Maximum Bitrate		
	IP FEC		
	Output Format		
	Profile/Level		
Video Format			
Supported Format			
Down Conversion			
Output Interface			
Decode Format (4 PES, 8ch Max.)			
Local Operation			
Remote Operation			
Dimensions/Weight			
Power Source/Power Consumption			
Standard Accessories			



Caution

- In order to ensure correct and safe use, be sure to read the User's manual before use.
- Do not install in locations exposed to water, humidity, steam, dust, or mist. Doing so could cause fire, electric shock, or equipment failure.

- Features and specifications are subject to change without prior notice.
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- Dolby is a trademark of Dolby Laboratories.



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