

# MVS

## Microwave Video Systems

The **MVS-5111 QAM** and the **MVS-5113 DVB-T HD IRDs** are advanced MPEG-4 AVC (H.264) integrated receiver decoders with a TS-IP conversion function. They can receive signals from different program sources such as 70MHz, ASI or IP and provide output interfaces; ASI, HDMI, HD-SDI or IP. The HD IRDs makes an ideal solution for SD/HD digital video or IPTV systems when used with a **MVS-1105 HD H.264 Encoder**.

### HD IRD Front Panel



### HD IRD Back Panel



## FEATURES

- Compliant with MPEG-2/4 (MP@ML) Standards
- DVB-C/T Signal Support
- TS/IP Stream Input/Output
- Dual ASI & SDI Outputs
- CVBS Video & Stereo Audio Output
- YPbPr Component Video Output
- HDMI Output
- AES/EBU Digital Audio Output
- Frequency Input & Loop-Thru
- User-Friendly Interface
- Full Control via Front Panel or Ethernet



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<b>Product Specifications</b>		
QAM Mode (DVB-C)	Frequency	70MHz or 4Mhz BB Option
	Symbol Rate	3~7 Ms/s
	Modulation	16, 32, 64 QAM (Factory Set 16 QAM)
	Signal Strength	32~105 dBuV
DVB-T (COFDM)	Frequency	70 MHz (Factory Set)
	Signal Strength	-90~ -20 dBuV
	Bandwidth	6/7/8 MHz
Transport Stream	Max Bitrate	72 Mbps
Input Interfaces	ASI	DVB Standard 188/204 byte/packet, BNC
	IP	RJ45 UDP Data Port
	Frequency	F-Type
Output Interfaces	ASI	2 ASI output BNC, cascade MPEG-2/4 TS
	IP	RJ45 UDP Data Port
	Freq. (Loop Thru)	F-Type
	Digital V/A	HDMI, 2 SDI (BNC) , AES/EBU( XLR)
	Component Video	YPbPr (RCA)
	CVBS	BNC
	Analog AV	NTS/ PAL, R/L Audio (RCA)
<b>General Features</b>		
Size	44mm x 484mm x 274mm 1.75" x 19" x 11"	
Environment	0~40° C (operating); -25~55°C (storage)	
Power	~100-240 VAC, 50/60 Hz, 30W	

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