

FUTV3198HIA Mobile Digital Receiver



Product Overview

FUTV3198HIA is a professional mobile digital receiver to convert the input tuner signals to crystal clear digital or analog video in various formats available at CVBS, YPbPr, HDMI, and HD-SDI.

It is designed to support the industry standard 576i/480i, 576p/480p, 720p and 1080i decoding.

It is also equipped with 1 ASI input, 2 ASI output ports and a data port for both input and output to make it possible to process more programs.

Additionally, the implemented web server allows the configuration of the FUTV3198HIA with a standard web browser. Basic configuration can also be done

locally with the LCD display and navigation buttons. The LCD monitor can, at the same time, realize the real-time observation about broadcasting status.

Key Features

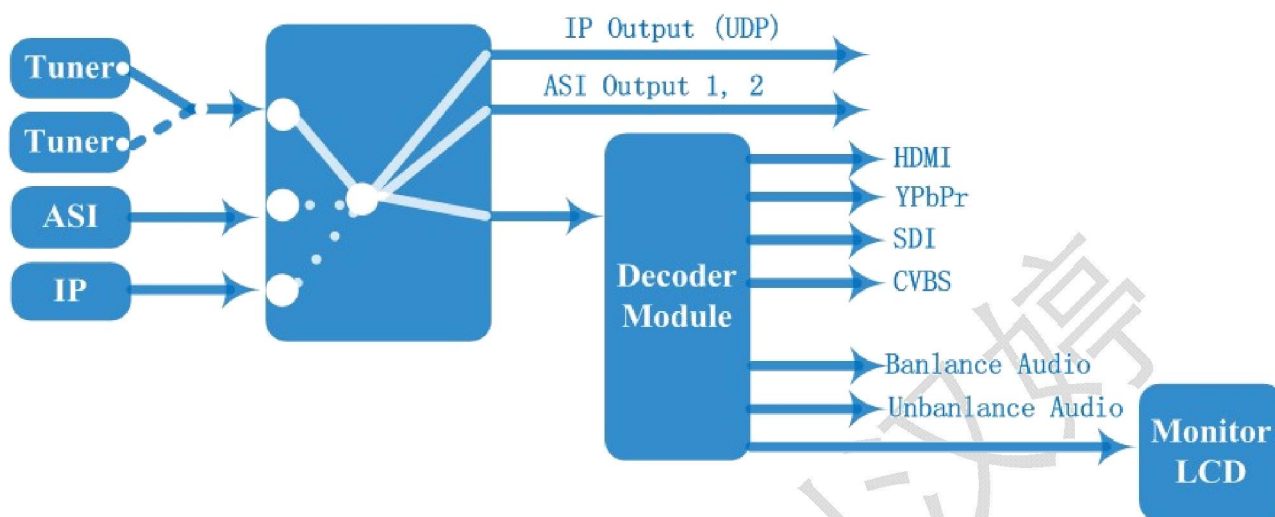
- | convenient and efficient network transmission
- | dual LNB input
- | real-time LED monitor for decoded program
- | multi Audio/Video format output: 1*HDMI, 2*CVBS, 1*YPbPr, 1*HD-SDI
- | multiple video resolution: 576i/480i, 576p/480p, 720p and 1080i decoding
- | Support ASI input and output, IP input and output
- | Support Keyboard and LCD operation
- | web NMS management via Ethernet port

Specifications

Input Parameters		
Tuner in	Signal source	2*LNB, N-L16 (negative)
	Receiving frequency	30MHz~900MHz
	Bandwidth	2MHz, 4MHz, 6MHz, 8MHz
	Input impedance	50 Ohm
	Receiving restriction	20dB μ v~103dB μ v
	Demodulation mode	COFDM/DVB-T
Transport Stream in	ASI input	1*ASI, BNC (negative)
	IP input	UDP Unicast/Multicast (100M, RJ45)

Output Parameters		
Stream out	Video output port	1*HDMI, 2*CVBS, 1*YPbPr, 1*HD-SDI
	Audio output	L/R channel (unbalanced); XLR (balanced)
	ASI output	2*ASI, BNC (negative)
	IP output	UDP/ Unicast/Multicast (100M, RJ45)
Resolution	HDMI	1080iat25, 29.94fps, 720p at 50 59.94fps, 576iat25 fps, 480iat29.94 fps
	CVBS	576iat25 fps, 480iat29.94fps
	YPbPr	1080iat 25, 29.94fps,720pat50, 59.94fps
	HD-SDI	1080iat25, 29.94fps,720pat50, 59.94fps, 576iat25 fps, 480iat29.94 fps
Data Formatting	MPEG-2, H.264	
BER	10-8	
Miscellaneous		
Management	Web NMS via Ethernet; LCD & Key board	
Upgrade	External USB driver	
MTBF	10000hrs	
Working voltage	DC 10V~16V; AC 90V~250V	
Feed voltage	DC 10V~16V	
Power dissipation	12W	
Dimension	19 1U, 483*400*44(mm)	
Weight	3.5Kg	

Principle Chart



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