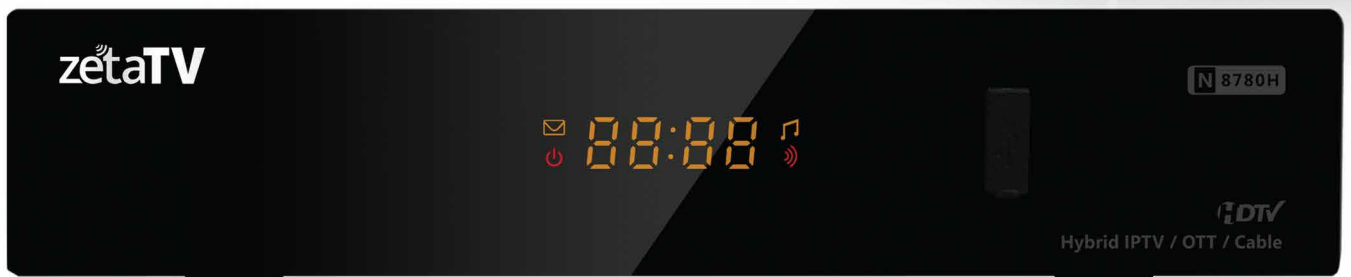


zetaTV

Technical Specification of ZetaTV IP



Tuner (DVB-C)

Item	Description
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Input Frequency	51 ~ 858MHz
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Input Level	36 ~ 100 dBuV
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Input Impedance	75Ω
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Channel Bandwidth	Annex B 6MHz
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Channel decoding (DVB-C)

Standard	DVB-C [EN300 429], ITU-T J83 Annexes B
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Demodulation	16/32/64/128/256 QAM
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Reed Solomon	204,188,t=8
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Symbol Rate	2~7 MS/s
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Demultiplexer

Standard	ISO/IEC 13818-1
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Input Max. bit Stream Rate	80Mbps
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Video encoding

Standard	H.264(MPEG-4 part 10) main and high profile level 4.1/MPEG-2 MP@HL
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Aspect Ratio	16:9, 4:3
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Video Format	PAL/NTSC/SECAM
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Video Resolution	1080p/1080i/720p/ 576p/576i
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Audio decoding

Standard

ISO/IEC 13818-3

Decoding

MPEG-1 layer I/II, MPEG-2
layer II, Dolby

Output Mode

Mono, Dual Channel,
Stereo

Sampling Frequency

32, 44.1, 48KHz

Volume Level

24 Levels

Processor & memory

CPU

MSD7862

Processor Speed

1500DMIPS

Flash Memory

128MB

SDRAM

512MB

Smart card

Standard

ISO 7816

Front panel	LED Display	4-digit 7 segment LED to indicate channel number and status
	Keys	CH+,CH-,VOL+,VOL-, OK,STANDBY
	Smart Card Slot	1
	USB port	USB 2.0 Type A
	IR Receiver	38KHz

Rear panel	RF Input	IEC Female
	RCA Output	3 RCA(1 Audio-Left,1 Audio-Right, 1 CVBS)
	Digital Audio Output	SPDIF
	Ethernet	RJ45,10/100Mbps Self-adaptable
	Digital Video Output	HDMI 1.3
	Power Jack	Standard

RCU	Category	IR (Carrier 38 KHz)
	Battery	2x1.5V AAA

Power

Input Voltage DC 5V

Power Consumption 15Wmax

Ambient

Operation Temperature 0~40°C

Case

Size ×33 mm(H)

Weight 1Kg