

COSHIP CDVB6752 MPEG-4 DVB-S2 Box Technical Specification

SECTION	ITEM	DESCRIPTION
DVB-S2 TUNER	Input Frequency	950 ~ 2150MHz
	Loop out frequency	950 ~ 2150 MHz
	Input level	-65~-25 dBm
	Input impedance	75 Ω
	LNB power	13.5 +/-1V / 18.5+/-1V, max.400mA
CHANNEL DECODING	Demodulation	QPSK, 8PSK
	FEC mode	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8
		DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)
	Symbol Rate	DVB-S: 2.0~ 45 MS/s
		DVB-S2: 10-30 Ms/s (QPSK), 10-31Ms/s (8PSK)
DEMULTIPLEXER	Standard	ISO/IEC 13818-1
	Input Max. Bit Stream Rate	60Mbps(Serial)/7.5MBps(Parallel)
VIDEO DECODING	Standard	ISO/IEC 13818-2, MPEG-2 MP@ML, MPEG-4 AVC main profile level 3.0
	Aspect ratio	4:3, 16:9
	Video format	PAL-B / NTSC-M / PAL-N / PAL-M
	Video resolution	720x576 (PAL), 720x480 (NTSC)
AUDIO DECODING	Standard	ISO/IEC 13818-3
	Decoding	MPEG-1 Layer I and II, MPEG-2, MPEG-4 AAC
	Output mode	Dual channel, Stereo, AC3
	Sampling frequency	32, 44.1, 48KHz
	Volume level	24 Levels

PROCESSOR AND MEMORY	CPU	STi520x
	Processor speed	266MHz
	Flash memory	4MB
	RAM	32MB
AV OUTPUT	Video de-emphasis	CCIR REC.405-1, 625LINES
	Video bandwidth	5.5MHz
	Video output impedance	75Ω
	Video output level	1.0Vp-p
	Audio output	Stereo
	Audio output frequency	20Hz~ 20KHz
	Audio output impedance	Low
	Audio output level	1.0Vrms ± 2dB into 10KΩ
SMART CARD	Standard	ISO 7816
FRONT PANEL	LED display	4 7-segment LED for channel number display , No LED INDICATORS
	Keys	CH+、CH-、 Vol+、 Vol-、 MENU、 OK、 POWER
	Smart card slot	1
	IR receiver	38KHz
REAR PANEL	RF input	F-type, Female
	Loop through output	F-type, Female
	Main Power Cable	US Standard
	Digital Audio output	S/P DIF
	RS232 Serial port	No need
	S-Video	No need
	Video output	4RCA (1 Left Audio, 1 Right Audio, Video, Mono)
OTHER FUNCTION	1. Conditional Access: Irdeto.	
	2. Look and view screens in two languages: English and Spanish (with Spanish language default).	
	3. EPG, Irdeto Operator Locking Capability, OTA Upgrade Capability.	

RCU(with customer logo)	Category	IR (Carrier 38KHz)
	Battery	No need
POWER	Input Voltage	AC85 ~ 265V, 50/60Hz
	Power Consumption	30 Wmax
Ambient	Operation Temperature	-5~40℃
	Size	280mm (W) x 185mm (D) x 40mm (H)
	Weight	1.6Kg



A glimpse of CDVB6752