

## 7CH WITH CI SLOTS DVB-S2 IRD



7ch with CI slots DVB-S2 IRD is multichannel Professional Integrated Receiver and Descrambler designed for high-quality TV broadcasting. It can demodulate and descramble up to 7 channels by integrated 7 DVB-S/S2 satellite tuners with CI slots.

Input/Output	
<b>Input Channel</b>	Demodulation: 7 satellite tuner channels (DVB-S/S2)
<b>Output Channel</b>	Each tuner has independent ASI output, SMB;
	3 groups of ASI output after multiplexing, each group includes 2 SMB;
	TSolP (option)
<b>PID Remap</b>	384 (each channel 128)
<b>Function</b>	· PID Remap (manual or automatic)
	· PCR precise adjustment
	· Automatically generate PSI/SI form
DVB-S/S2 Tuner	
<b>Input Frequency Range</b>	950 MHz ~ 2150 MHz
<b>Demodulation</b>	QPSK/8PSK, MPTS/SPTS

<b>FEC</b>	· DVB-S2 8PSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	· DVB-S QPSK: 1/2, 2/3, 3/4, 5/6, 7/8
<b>Symbol Rate</b>	· QPSK/LDPC/BCH: 1MSps~55MSps
	· 8PSK/LDPC/BCH: 1MSps~45MSps
	· DVB QPSK: 1MSps~55MSps
<b>Input Level</b>	-65dBm ~ -25dBm
<b>LNB Power Supply</b>	13V/17V. For maximum of 4 channels at the same time
<b>Descrambling</b>	
<b>Descramble Processing</b>	DVB-CSA
<b>Smart Card Port</b>	Adopt ISO7816 standard
<b>Slot port</b>	PCMCIA
<b>Multiplexing</b>	
· Multiplex to 3 or 8 TS output after scrambled (it depends on TSolP option)	
· Each channel supports ES PID up to 128	
· 3 groups of ASI out, each group has 2 SMB ports. When TSolP is selected, each group of ASI can select one IP streaming from the total 8 channels TSolP to output (the output of the three groups of ASI can be the same or different 2 or 3 channels)	
· Support TDT generating & insertion	
<b>TSolP (option)</b>	
· 8 IP output (MPTS or SPTS)	
· 57 IP-TS input (MPTS or SPTS)	

· RTP/UDP	
· 10/100M/1000M Ethernet	
<b>System</b>	
English Operation Interface	
Support network upgrade	
· 10/100M Ethernet	
· RJ45	
<b>Structure</b>	
<b>Temperature Range</b>	0 45°C (working) ; -20 80°C (storage)
<b>Power Supply</b>	AC 100 V±10%, 50/60 Hz AC 220 V±10%, 50/60 Hz
<b>Consumption</b>	75 W
<b>Size (mm, W x H x D)</b>	440 x 44 x 460
<b>Weight</b>	TBD

*Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters*

*listed on each device webpage.*

**Note!** All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.