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.

7ch with CI slots DVB-S2 IRD has 7 independent DVB-S/S2 tuners for receiving RF signals. For descrambling the 7 CI slots for CAM and CAS card are provided. Each channel has its own ASI output for further TS transmission via coaxial cable. In the same time 7ch with CI slots DVB-S2 IRD has 3 ASI outputs after integrated remultiplexer and a number of IP outputs (UDP/RTP protocols, the so called mirrored IP outputs according to ASI outputs).

KEY FEATURES:

- Integrated 7 satellite tuner channels (DVB-S/S2 standard) with CI slots;
- PCMCIA DVB-CI port, support single/multiple decoding;
- Supported international general CAS: Conax, Cryptoworks, Irdeto, NDS, Mediaguard, SECA, Viaccess, etc.;
- Supported ASI program remultiplex;
- Included TSoIP (TS over IP 1000Mbit/s output);
- TS package formats: 188/204 bytes (automatic);
- To save working condition of last time, device can automatically start to the right status after power recovery;
- Support PSI/SI editing and insertion

Input/Output

Input Channel	Demodulation: 7 satellite tuner channels (DVB-S/S2)
Output Channel	Each tuner has independent ASI output, SMB;
	3 groups of ASI output after multiplexing, each group includes 2 SMB;
	TSoIP (option)
PID Remap	384 (each channel 128)
Function	· PID Remap (manual or automatic)
	· PCR precise adjustment
	· Automatically generate PSI/SI form
DVB-S/S2 Tuner	
Input Frequency Range	950 MHz ~ 2150 MHz
Demodulation	QPSK/8PSK, MPTS/SPTS
FEC	· 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
Symbol Rate	· QPSK/LDPC/BCH: 1MSps~55MSps
	· 8PSK/LDPC/BCH: 1MSps~45MSps
	· DVB QPSK: 1MSps~55MSps
Input Level	-65dBm ~ -25dBm
LNB Power Supply	13V/17V. For maximum of 4 channels at the same time
Descrambling	

Descramble Processing	DVB-CSA
Smart Card Port	Adopt ISO7816 standard
Slot port	PCMCIA
Multiplexing	
· Multiplex to 3 or 8 TS output after scrambled (it depends on TSoIP option)	
· Each channel supports ES PID up to 128	
· 3 groups of ASI out, each group has 2 SMB ports. When TSoIP is selected, each group of ASI can select one IP streaming from the total 8 channels TSoIP to output (the output of the three groups of ASI can be the same or different 2 or 3 channels)	
· Support TDT generating & insertion	
TSoIP (option)	
· 8 IP output (MPTS or SPTS)	
· 57 IP-TS input (MPTS or SPTS)	
· RTP/UDP	
· 10/100M/1000M Ethernet	
System	
English Operation Interface	
Support network upgrade	
· 10/100M Ethernet	
· RJ45	
Structure	

Temperature Range	0 45°C (working) ; -20 80°C (storage)
Power Supply	AC 100 V±10%, 50/60 Hz AC 220 V±10%, 50/60 Hz
Consumption	75 W
Size (mm, W x H x D)	440 x 44 x 460
Weight	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.*