4ch dvb-s2 free-to-air ird

4ch DVB-S2 free-to-air IRD - Professional Receiver and Decoder. This IRD is a multi-channel professional receiver and decoder with broadcast quality. It can demodulate and decode up to 4 satellite tuner channels (DVB-S/S2).

4ch DVB-S2 free-to-air IRD receives signal which complies with DVB standard from RF inputs, ASI inputs and optional IP inputs, and convert the signal to standard TS after demodulation and/or de-embedding; it then decode the TS through DVB-S/S2 receiving modules and output transparent TS to its ASI or optional IP output port. 4ch DVB-S2 free-to-air IRD supports all DVB constellations: QPSK / 8PSK / 16APSK / 32APSK (by request).

KEY FEATURES:

- remote IP control;
- supports 1-4 satellite tuner channels (DVB-S/S2);
- supports QPSK / 8PSK / 16APSK / 32APSK constellations (by request);
- supports TS package formats: 188/204 bytes (automatic identification);
- has ASI output loop;
- to save working condition of last time, device can automatically start to the right status after power recovery.

Parameter	Value
Modulation types	DVB-S, DVB-S2
Input connector type	N / F (by request)
Demodulation parameters	
Modulation	QPSK, 8PSK, 16APSK and/or 32APSK (by request)
FEC	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
Symbol rate	1 ... 31 or 45 Msymb/s (depends on constellation mode)
Roll-Off-Factor	0.2, 0.25, 0.35
Maximum bitrate per channel	115 Mbit/s
ASI output parameters	
Output signal type	DVB ASI, electric
Data modes	packet / byte
Bytes number in the packet	188 / 204 bytes
Input stream type determining	automatic
Output connector type	BNC

Management	
Control	by IP
Connector type	RJ-45
General	
Power supply	220 V AC, 50 Hz
Power consumption, max	65 W
Dimensions (transport mode)	483x450x90 mm
Weight	6.1 kg