

## 4CH DVB-S/S2 FTA IRD



4ch DVB-S/S2 FTA IRD is applied in head-end systems for receiving multicarrier signals and transforming them into ASI TS.

4ch DVB-S/S2 FTA IRD supports both DVB-S and DVB-S2 standards; QPSK, 8PSK, 16APSK and/or 32APSK constellations. 4ch DVB-S/S2 FTA IRD can receive 4 DVB-S/S2 carriers and transform them into 4 ASI TS (each output has its own loop). As a result 4ch DVB-S/S2 FTA IRD includes up-to-day powerful chipset and can work 24/7.

### KEY FEATURES:

- support DVB-S and DVB-S2 standards
- support QPSK, 8PSK, 16APSK and/or 32APSK constellations
- support packet (188 / 204 bytes in packet) and byte data modes at ASI output
- has ASI output loop

### MAIN FUNTIONS:

- receive DVB-S/S2 carriers and transform them into ASI TS
- IP control
- work 24/7

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

*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.*