



DX3908

## DVB-S2X/S2 Receiver



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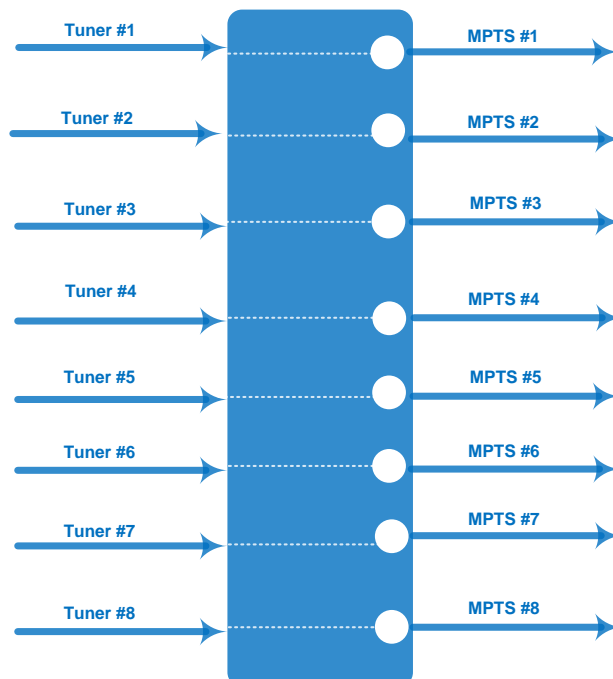
# DVB-S/S2/S2X IP out

## Key Features (Per Card)

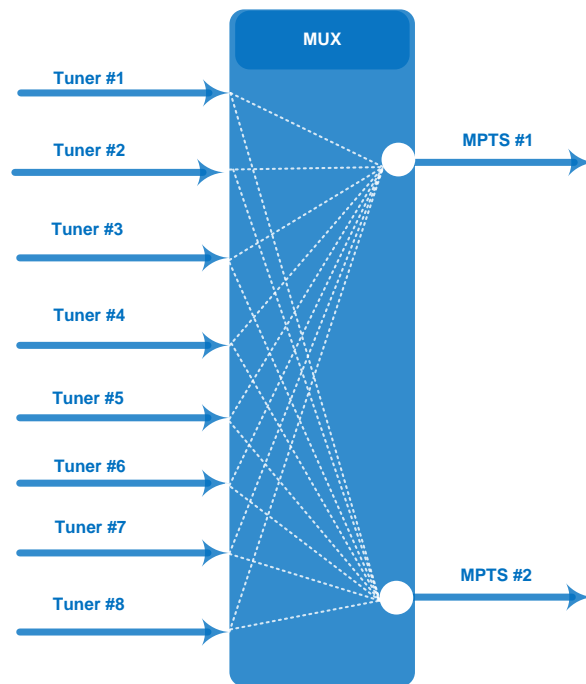
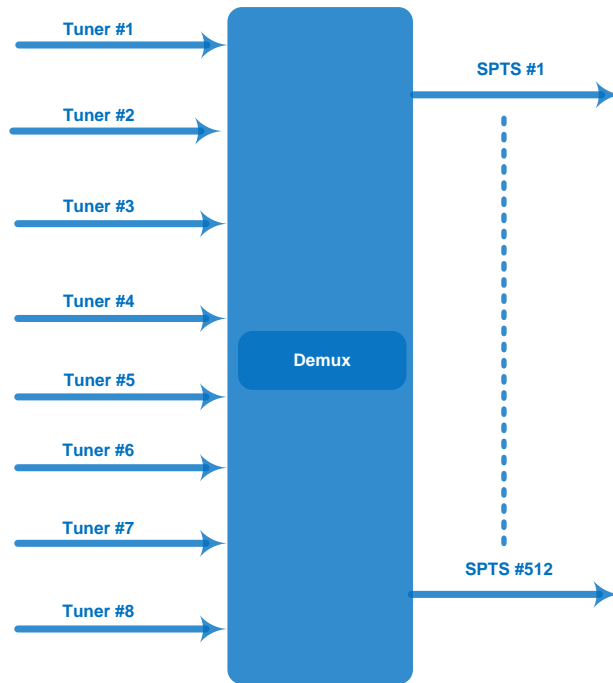
- Support 8 tuners (DVB-S/S2/S2X) input; 1 U chassis optional for 1/2/3 cards maximum for 8/16/24 tuner input; Each tuner card are working independently with its NMS and 1 GE Data port
- 8 MPTS (8MPTS out thru bypassing) under Passthrough mode over UDP/RTP thru Data port, unicast/multicast-**Version 1**
- 2 MPTS out after multiplexing or 512 SPTS out switchable under Mux mode over UDP/RTP thru Data port, unicast/multicast-**Version 2**
- Up to 256 PIDs remapping per output channel(Mux mode only)
- Support PID re-mapping and pass-through(Mux mode only)
- Support Diseqc function(Mux mode only)
- Support Biss decryption, each tuner support maximum 64 BISS key decryption (Mux mode)
- Web-based NMS management

## Inner Principle Chart (Per card):

### Version 1: Passthrough Mode



### Version 2: Mux Mode (MPTS and SPTS output Switchable)



## Specifications( Per card)

<b>Input / Output</b>	8Tuner input, F Type		
	8MPTS out thru bypassing over UDP/RTP thru Data port(Version 1) 100/1000Mself-adaption, unicast/multicast		
<b>Mux (Version 2)</b>	Max number of managing PID: 256 (for 2 MPTS out thru multiplexing) or 512 SPTS out		
	Functions	PID remapping (automatically/ manually) PID pass-through	
<b>Tuner Section</b>	DVB-S	Input Frequency	950-2150MHz
		Symbol Rate	0.5~45 Msps
		Constellation	QPSK
		FEC	1/2, 2/3, 3/4, 5/6, 7/8
	DVB-S2	Input Frequency	950-2150MHz
		Symbol Rate	QPSK/8PSK/16APSK: 0.5~45 Msps 32APSK:0.5~40 Msps
		Constellation	QPSK/8PSK/16APSK/32APSK
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9,9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 32APSK: 3/4, 4/5, 5/6, 8/9
		Max input bitrate per tuner	≤170 Mbps
	DVB-S2X	Symbol Rate	QPSK/8PSK/16APSK: 0.5~45 Msps; 8APSK/32APSK: 0.5~40 Msps
		Constellation	QPSK/8PSK/16APSK/8APSK/32APSK
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 13/45, 9/20, 11/20 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10, 23/36, 25/36, 13/18 8APSK: 5/9-L, 26/45-L 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10,1/2-L, 8/15-L, 5/9-L, 26/45, 3/5, 3/5-L, 28/45, 23/36, 2/3-L, 25/36, 13/18, 7/9, 77/90 32APSK: 3/4, 4/5, 5/6, 8/9, 2/3-L, 32/45, 11/15, 7/9
		Max input bitrate per tuner	≤170 Mbps
Signal Strength	-65 ~ -25dBm		
<b>System</b>	Web management:100M NMS port		
	Language: English and Chinese		
	Ethernet software upgrade		
<b>General</b>	Dimensions	482mm×328mm×44mm (WxLxH)	
	Weight	3.5kg	

Temperature	0~45°C(operation), -20~80°C(storage)
Power supply	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz
Consumption	≤25W( 1card inside) ≤50W( 1card inside) ≤75W( 1card inside)

## Order Guide

<b>DX3908-8</b>	<b>8 FTA DVB-S2X Tuner Input, Version 1 or Version 2</b>
<b>DX3908-16</b>	<b>16 FTA DVB-S2X Tuner Input, Version 1 or Version 2</b>
<b>DX3908-24</b>	<b>24 FTA DVB-S2X Tuner Input, Version 1 or Version 2</b>