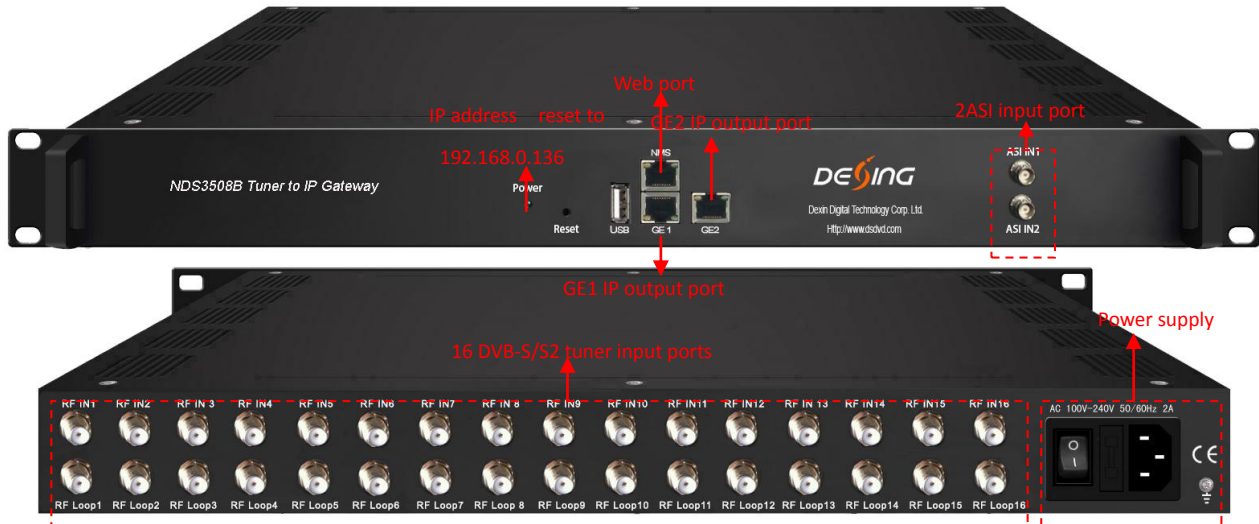




Outline

NDS3508B Tuner to IP Gateway is a head-end interface conversion device which supports MPTS and SPTS output switchable. It supports 16 MPTS or 512 SPTS output over UDP and RTP/RTSP protocol. It is integrated with tuner demodulation (or ASI input) and gateway function, which can demodulate the signal from 16 tuners into IP package, or directly convert the TS from ASI input and tuner into IP package, then output the IP package through different IP address and ports. BISS function is also embedded for tuner input to descramble your tuner input programs.

Key Features

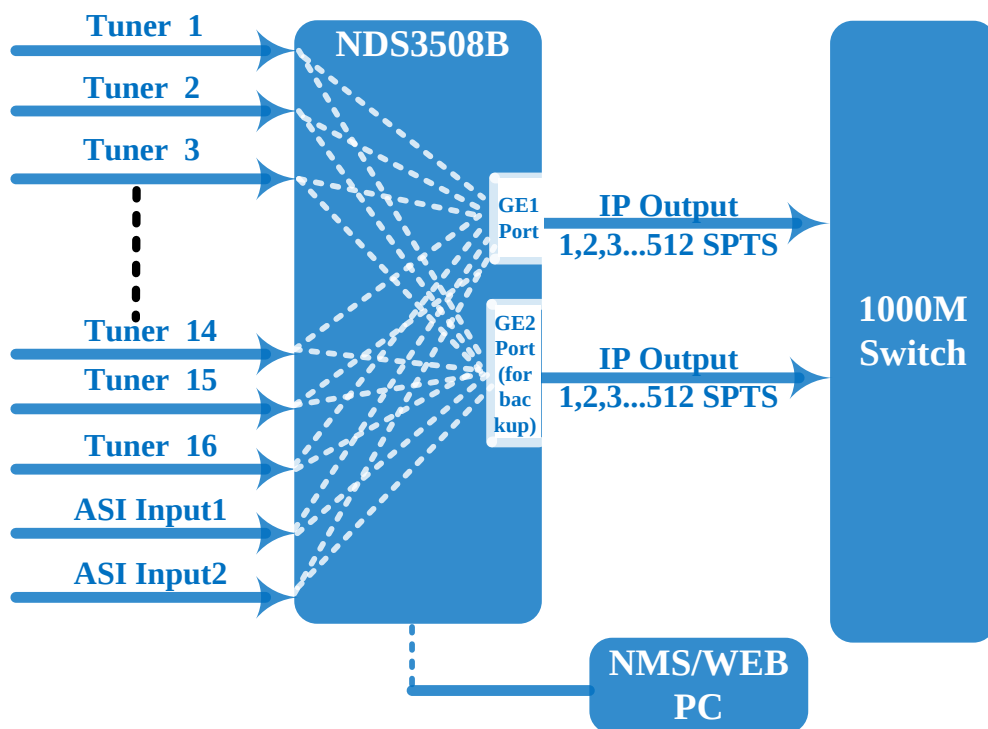
- Support 16 FTA DVB-S/S2 input, 2 ASI input
- Support BISS descrambling
- Support DisEqc function
- 16 MPTS or 512 SPTS output (MPTS and SPTS output switchable)

- 2 GE mirrored output, up to 850Mbps---SPTS
- 2 independent GE output port, GE1 + GE2---MPTS
- Support accurate PCR adjusting (Only for SPTS output)
- Support PID filtering, re-mapping (Only SPTS output)
- Support PSI/SI rebuilding and editing (Only SPTS output)
- Support “Null PKT Filter” function (For MPTS output)
- Support Web operation

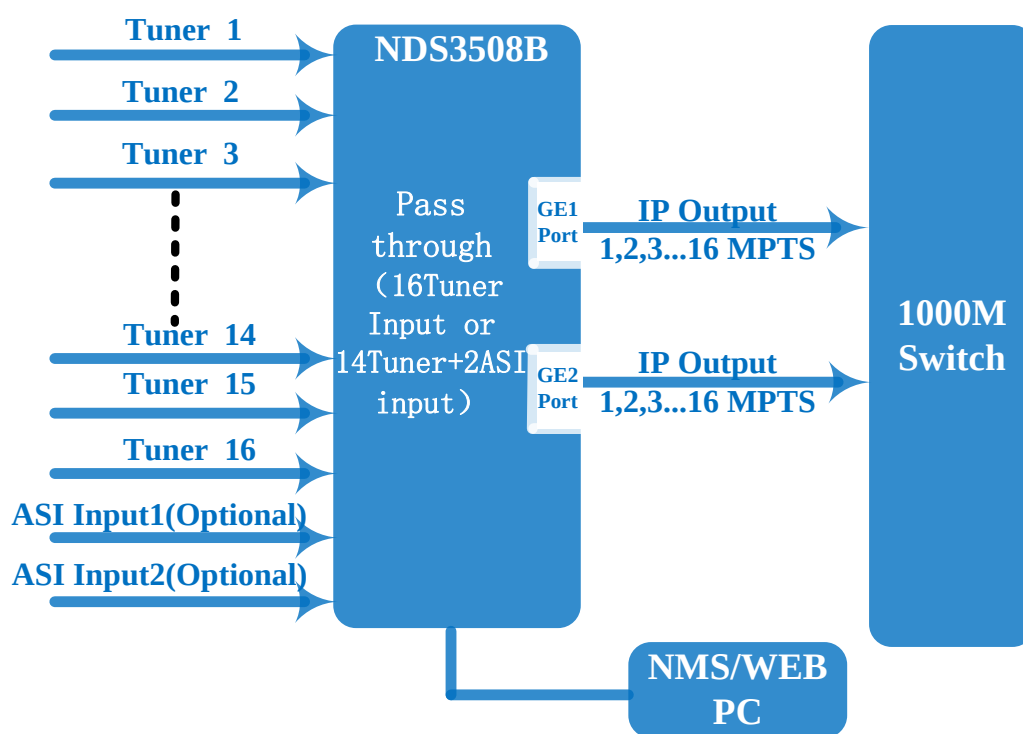
Specifications

Input	Optional 1:16 DVB-S/S2 tuners input +2 ASI input---SPTS output Optional 2:14 DVB-S/S2 tuners input +2 ASI input --- MPTS output Optional 3:16 DVB-S/S2 tuners input --- MPTS output	
Tuner Section (DVB-S/S2)	Input Frequency	950-2150MHz
	Symbol rate	QPSK 2~45Mbauds; QPSK 1~45Mbauds, 8PSK 2~30Mbauds
	Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	Constellation	QPSK, 8PSK
Output	512 SPTS IP mirrored output over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast	
	16 MPTS IP output (for Tuner passthrough) over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast	
BISS descrambling	Mode 1, Mode E (Up to 850Mbps) (descramble individual program)	
Miscellaneous	Dimension(W×L×H)	482mm×410mm×44mm
	Approx weight	3.6kg
	Environment	0~45℃(work); -20~80℃ (Storage)
	Power requirements	100~240VAC, 50/60Hz
	Power consumption	20W

Working Principle



SPTS output



MPTS output