



NDS3343

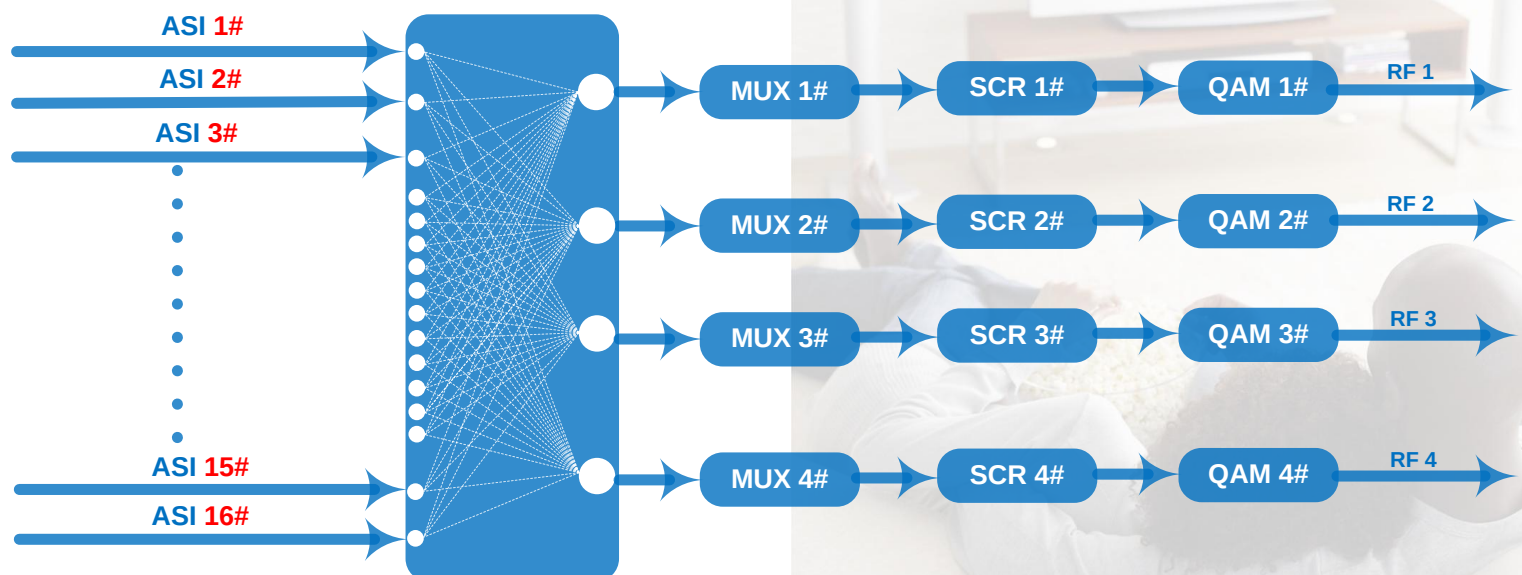
16 in 1 Mux-Scrambling QAM

-  **Support 16 ASI input**
-  **Fully support EN300 429/ITU-T J.83A/B/C**
-  **Support PSI/SI editing and inserting**
-  **4 MUX, 4 SCR, 4 QAM enbeded**
-  **Support 4 simulscrypt CA**
-  **Support accurate PCR adjusting**
-  **4 Frquency output with excellent MER $\geq$ 40dB**
-  **Support 16/32/64/128/256 QAM**

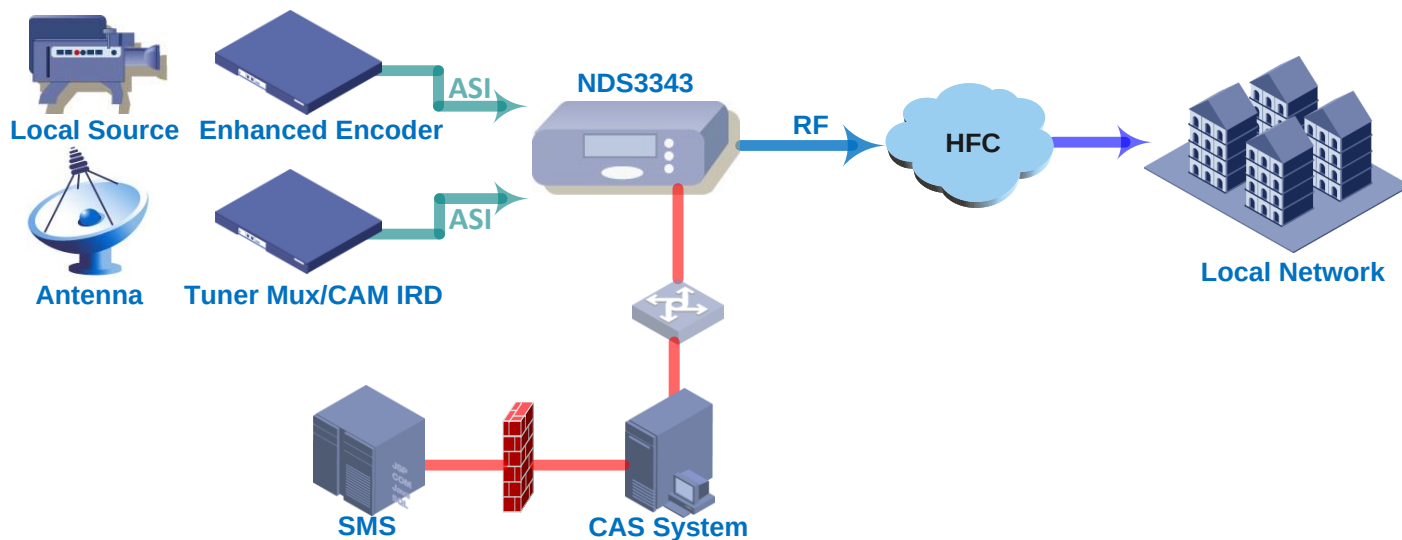
NDS3343 16In1 QAM is a cost effective integrated QAM modulator designed by Dexin Company. This device support maximun 16 ASI input, after 4 multiplexer and 4 scramber process, it gives 4 RF output (4 adjacent frequency output by 1 RF port). Its ideal for processing IRD ASI output data and gaving RF output by only one device. By its powerful function, it can reduce the operator business cost effectively.



Inner Principle



System Connection Sample



Specification

Input

Interface	16 × ASI inputs, BNC interface
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Multiplexer

Input	16 x ASI
Output Channel	4
Max PIDs	256 per channel
Functions	PID remapping(auto/manually optional) PCR accurate adjusting PSI / SI table automatically generating

Scrambling

Max simu-encrypt CA	4
Scramble Standard	ETSI 101 197, ETSI 103 197
Connection	Local/remote connection

QAM Modulation

QAM Channel	4
Modulation Standard	EN300 429/ITU-T J.83A/B/C
Symbol Rate	5.0~7.0Msps, 1ksps stepping
Constellation	16, 32, 64, 128, 256QAM
FEC	RS(204, 188)

RF Output

Interface	F typed output port for 4 carriers, 75Ω impedance
RF Range	48~1000 MHz, 1kHz stepping
Output Level	-16dBm~6dBm, 0.5dB stepping
MER	≥ 40dB
ACLR	(Adjacent Channel Leakage Ratio) - 60 dBc

System

Network management software (NMS) supporting
English and Chinese interface conversion
Ethernet software upgrade

General

Demission (WxLxH)	482mm×455mm×44.5mm
Weight	6.7kg
Temperature	0~45℃(operation), -20~80℃(storage)
Power Supply	AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz
Consumption	25W

NDS3343 video guide on line

Password : 12345

