



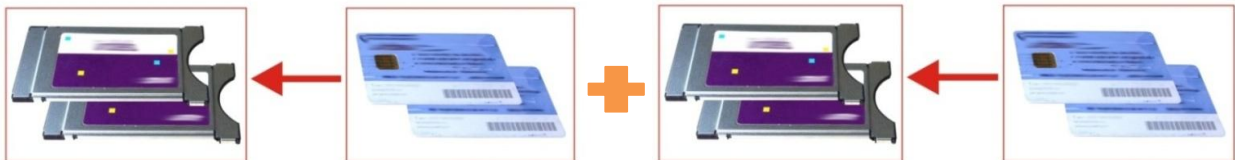
**NDS358X**

**4-in-1 DVB-C, S/S2 IRD**

**DVB-C, S/S2 RF → ASI/IP**



**4 CI Slots = 4\*CAM + 4\*Smartcard**



### Product Introduction

NDS358X IRD is DEXIN's new design which integrates demodulation (DVB-C, S/S2 optional), de-scrambler and multiplexing in one case to convert RF signals into TS output.

It is a 1-U case which supports 4 tuner inputs, 1 ASI and IP. The 4 CAMs/CIs accompanied can descramble the programs input from encrypted RF, ASI and IP. The CAM requires NO unsightly external power cords, cables, or additional remote control device.

To meet customers' various requirements, NDS358X is also designed to re-mux programs from any input, and output TS over 48 SPTS UDP.



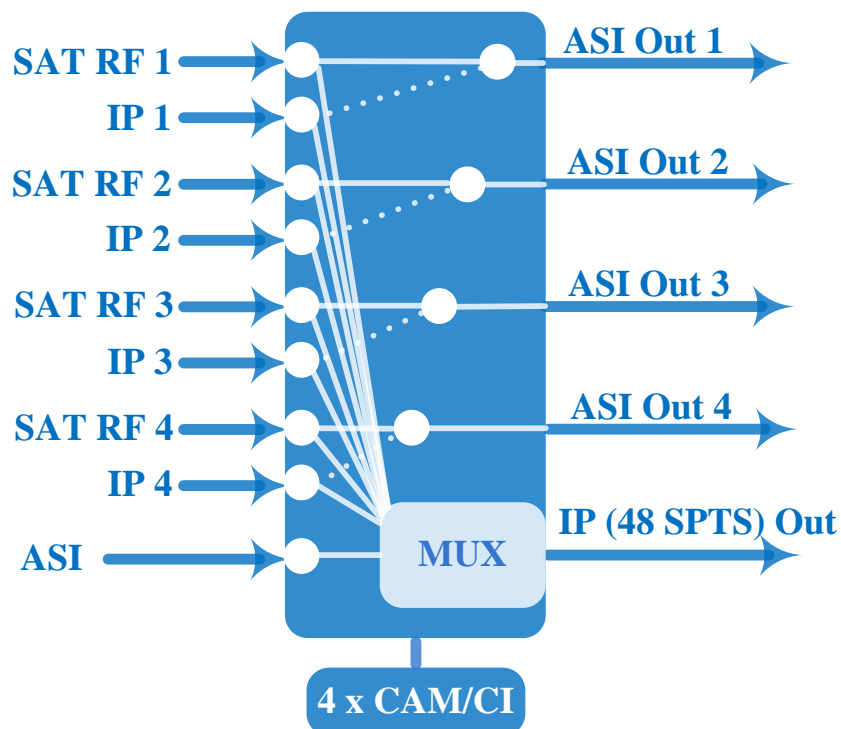
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## Key Features

- 4 Tuner inputs (DVB-C, S/S2 Optional)
- 1 ASI & 4 IP (UDP) input for re-mux
- One CAM can decrypt multiple programs from Tuners/ASI/IP
- IP (48 SPTS) over UDP and RTP/RTSP output;
- 4 groups of independent ASI out for tuner/IP passthrough (one-to-one)
- Support maximum 128 PID mapping per input
- LCD display, Remote control and Firmware, web NMS management
- Updates via web
- Best quality and breakthrough price

## Principle Chart



choose 4 channels from all inputs to descramble  
CI 1 & 2 are designed to descramble tuner 1/2, ASI or IP 1-4.  
CI 3 & 4 are designed to descramble tuner 3/4, ASI or IP 1-4.

## Technical Specifications

### Input

4x RF (DVB-C, S/S2 optional), F type  
 1xASI input for re-mux, BNC interface  
 4xIP input for re-mux (UDP)

### Tuner Section

#### DVB-C

Standard J.83A(DVB-C), J.83B, J.83C  
 Input Frequency 47 MHz~860 MHz  
 Constellation 16/32/64/128/256 QAM

#### DVB-S

Input Frequency 950-2150MHz  
 Symbol rate 2-45MSPS  
 Signal Strength - 65- -25dBm  
 Constellation 1/2, 2/3, 3/4, 5/6, 7/8 QPSK

#### DVB-S2

Input Frequency 950-2150MHz  
 Symbol rate 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

48\*SPTS over UDP, RTP/RTSP.

IP 100Base-T Ethernet interface (unicast /  
 multicast)

ASI 4 groups BNC interface

### System

Local interface LCD + control buttons

Remote management Web NMS Management

Language English

### General

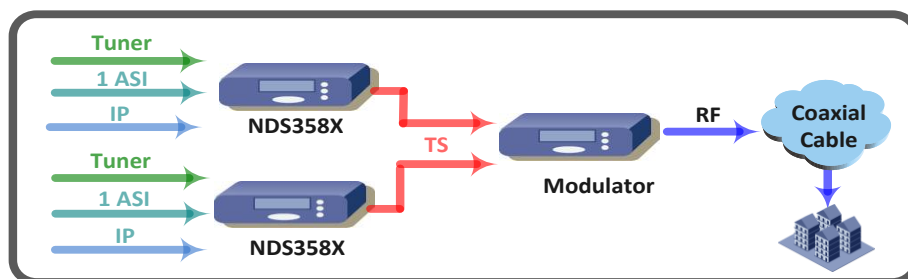
Power supply AC 100V~240V

Dimensions 482\*400\*44.5mm

Weight 3 kgs

Operation temperature 0~45°C

## System Connection Sample



### Ordering Guide

NDS358X, 'X' should be interpreted as different digits which indicate tuners of different standard.

- ✓ NDS3581 DVB-C IRD
- ✓ NDS3585 DVB-S/S2 IRD