

SOFTTEL®



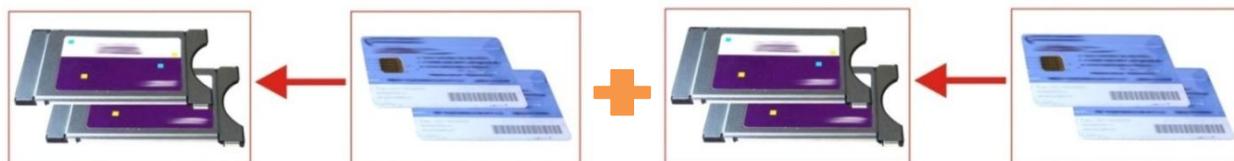
SFT 358X

4-in-1 DVB-C, T/T2, S/S2 IRD

DVB-C, T/T2, S/S2 RF → ASI/IP



4 CI Slots = 4*CAM + 4*Smartcard



Product Introduction

SFT358X IRD is SOFTTEL's new design which integrates demodulation (DVB-C, T/T2, 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. BISS function is also embedded to descramble programs from any input.

To meet customers' various requirements, SFT358X is also designed to de-mux programs from

HANGZHOU SOFTEL OPTIC CO., LTD

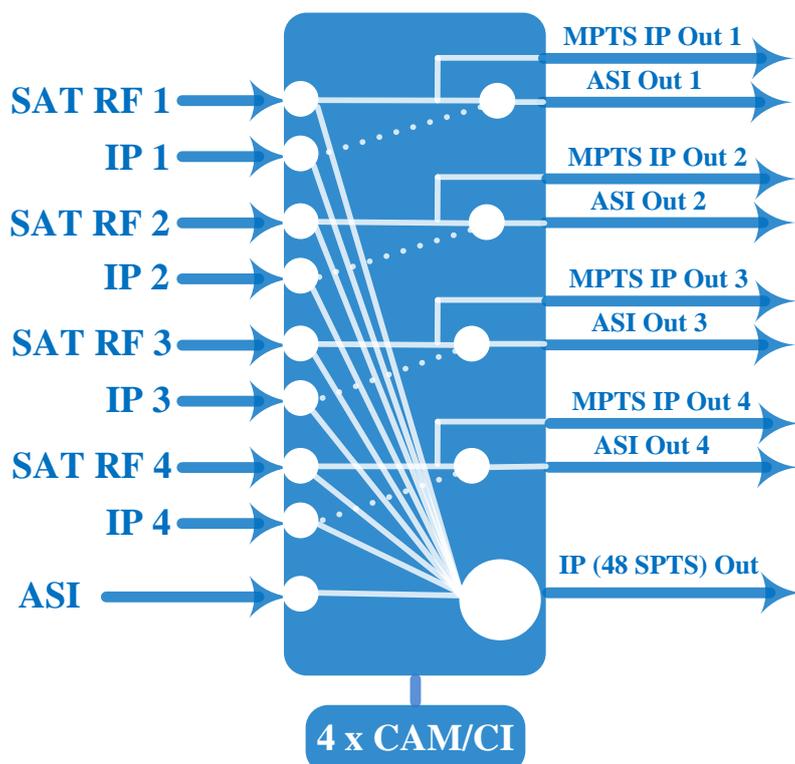
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any input, and output TS over 48 SPTS & 4 MPTS UDP, RTP/RTSP.

Key Features

- 4 Tuner inputs (DVB-C, T/T2, S/S2 Optional)
- 1 ASI & 4 IP (UDP) input
- One CAM can decrypt multiple programs from Tuners/ASI/IP
- Support BISS descrambling(Up to 120 Mbps)
- IP (48 SPTS, 4 MPTS) 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
- Support Diseqc function
- LCD display, Remote control and Firmware, web NMS management
- Updates via web
- Best quality and breakthrough price

Principle Chart



Choose 4 channels from the 9 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.
ASI out and MPTS IP out are for passthrough RF/IP inputs one to one.

Technical Specifications

Input

4x RF (DVB-C, T/T2, S/S2 optional), F type
 1xASI input for de-mux, BNC interface
 4xIP input for de-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-T/T2

Input Frequency 44-1002 MHz
 Bandwidth 6M, 7M, 8M

DVB-S

Input Frequency 950-2150MHz
 Symbol rate 1~45Mbauds
 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/8PSK 1~45Mbauds
 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.
 1000M Base-T Ethernet interface
 (unicast/multicast)
 4*MPTS over UDP, RTP/RTSP.
 1000M Base-T Ethernet interface, for RF
 in passthrough (one-to-one)
 4 groups BNC interface, for RF or IP in
 passthrough (one-to-one)

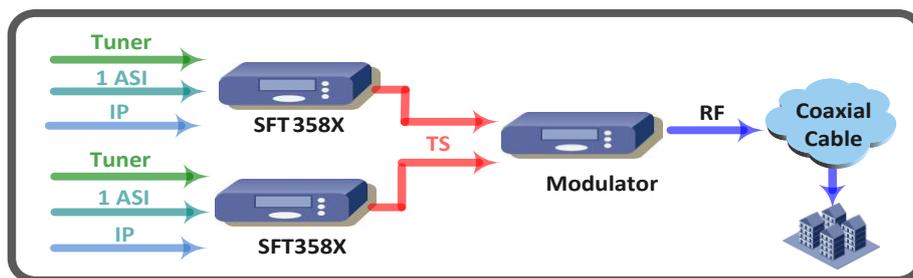
System

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

SFT358X, 'X' should be interpreted as different digits which indicate tuners of different standard.

- ✓ SFT3581 DVB-C IRD
- ✓ SFT3584 DVB -T/T2 IRD
- ✓ SFT3585 DVB-S/S2 IRD