COL5844BN 4CH IRD

Outline

COL5844BN IRD is our 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.
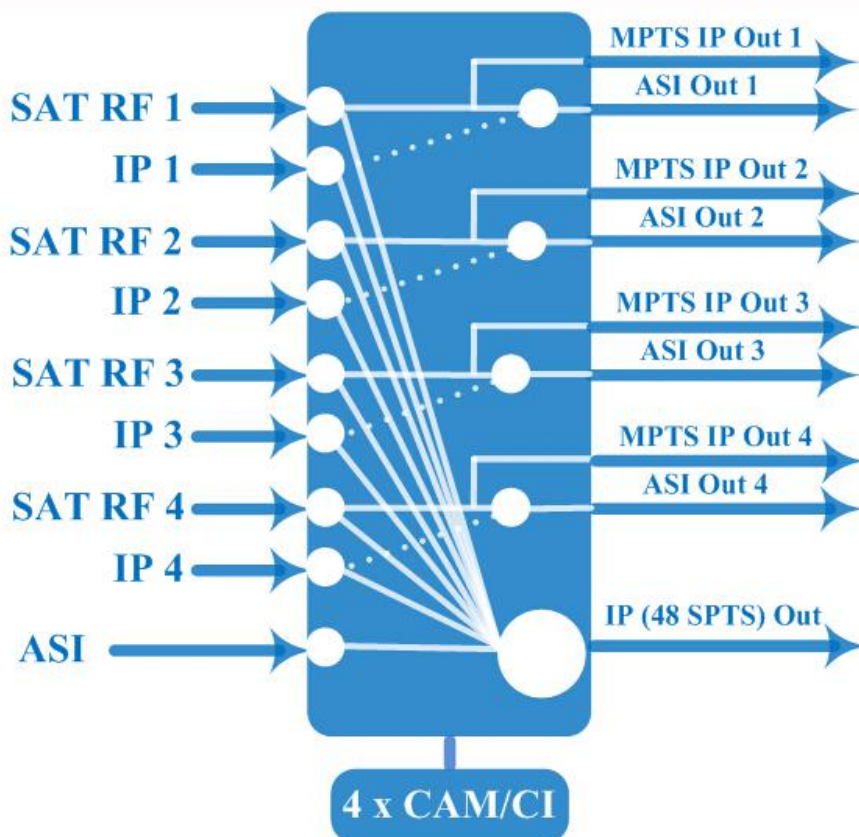
To meet customers' various requirements, COL5844BN is also designed to de-mux programs from any input, and output TS over 48 SPTS UDP. & 4 MPTS UDP, RTP/RTSP

Feature

✓ 4 Tuner inputs (DVB-C, T/T2, S/S2 Optional)

✓ 1 ASI & 4 IP (UDP) input for de-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 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.

Specifications

Input		4x RF (DVB-C, S/S2 optional), F type
		1×ASI 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-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
DVB-T/T2	Input Frequency	44-1002 MHz
	Bandwidth	6M, 7M, 8M
Output	IP	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)
	ASI	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℃