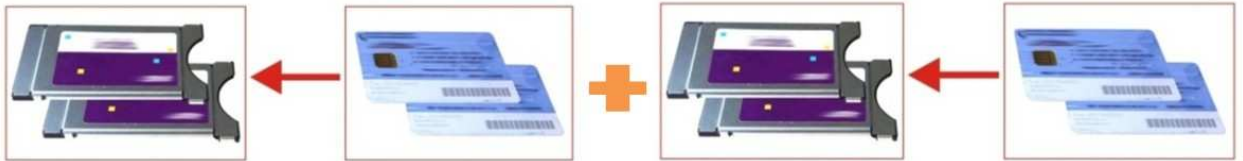


## HPS812D 4 in 1 DVB-C,T/T2,S/S2 IRD



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



### Product Introduction

HPS812D IRD is HIPRO's new design which integrates demodulation, de-scrambler in one case to convert RF signals into TS output after re-mux. It is a 1-U case which supports 4 tuner inputs. 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. Its pluggable structure design greatly facilitates the change of Tuner modules as needed. To meet customers' various requirements, HPS812D is also equipped with 1 ASI and 1 IP input for re-mux, and output with 2 ASI ports and IP port.

## Key Features

- \* 4 Tuner inputs (DVB-C, T/T2, S/S2 Optional)
- \* 1 ASI & 1 IP (UDP) input for re-mux
- \* One CAM can decrypt multiple programs from Tuners/ASI/IP
- \* Support BISS descrambling(Up to 120 Mbps)
- \* 2 independent ASI output
- \* IP (1 MPTS & 8 SPTS) over UDP and RTP/RTSP output;
- \* Support maximum 128 PID mapping per input
- \* Pluggable and changeable demodulator modules
- \* LCD display, Remote control and Firmware, web NMS management
- \* Updates via web

## Technical Specifications

Input	
1 or 2 or 4x RF (DVB-C, T/T2, S/S2 optional), F type	
1xASI input for re-mux, BNC interface	
1xIP 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-T/T2	
Input Frequency	44MHz ~1002 MHz
Bandwidth	6/7/8 M bandwidth
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	
	1*MPTS & 8*SPTS over UDP, RTP/RTSP.
IP Output	100Base-T Ethernet interface (unicast / multicast)
2xASI	BNC interface
System	
Local interface	LCD + control buttons
Remote management	Web NMS Management
Language	English
General	
Power supply	AC 100V~240V
Dimensions	482*300*44.5mm
Weight	3 kgs
Operation temperature	0~45°C

**Principle Chart**

