

PD4501

ISDB-Tb HD IRD



DESCRIPTION

Symbol Technologies PD4501 ISDB-Tb HD IRD with CI slot can decode transport stream from tuner ISDB-Tb into audio and video signal. Thanks to the CAM module, it can decrypt the encrypted programs in the input TS. Besides this function, it can also encapsulate the output TS into IP packet and output in UDP protocol. The user can watch the contents of the IP outputs from decoding software on a computer. The professional IRD has full-range of output interface ports, such as HD-SDI, SD-SDI, HDMI, YPbPr, XLR, S/P DIF, etc., which can satisfy the professional user's requirements. Therefore, the settings of the device can be easily configured by the user.

FEATURES

- ISDB-Tb tuner inputs
- MPEG-4 Part 10 (AVC high profile level 4.1) standards complaint and decoding
- Various choice of I/O interfaces, including ASI input/output, CVBS output, YPbPr output, HDMI output, SD/HD output (embedded 2 pairs stereos audio), AES/EBU output.
- VBI TELETEX , SUBTITLE support
- Caption support
- 10/100M Ethernet TS over IP I/O, UDP protocol (optional)
- Unicast and multicast support
- Two CI slots, multiple programs decryption support
- NMS control support

SPECIFICATION

Input Freq.	170 ~230Mhz and 470 ~860Mhz
Bandwidth	6MHz (6, 8MHz Optional)
Input Level	0 ~ 95dBm
Constellations	QPSK, 16QAM, 64QAM
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
DVB-CI module	Supporting European DVB-CSA, ISO7816, PCMCIA
ASI input	In/Out 75Ω, 54 Mbps Max.
Ethernet	RJ-45, 10/100 Base-T, TS Over IP : UDP, NMS : UDP

Video output	CVBS×1 (BNC); YPbPr×1 (BNC); SDI×1 (BNC) ; HDMI×1 1080i@25, 29.94 fps; 720p @ 50, 59.94 fps; 576i@25 fps; 480i@29.94 fps
Audio output	Unbalanced (BNC), balanced (XLR), SPDIF
Dimensions	482mm×360mm×44mm
Approx weight	3.2kg / 7.04 lbs
Power	<20W(Max)
Temperature range	0~45 °C (Operation)/ 32~113°F; -20 °C ~ 80°C (Storage) / -4 ~176 °F

