

Model No: Dexatek CA+CI HD 2005Card

Product: PCI-E DVB-S2 Card



Key Features

- ↳ Support DVB-S Protocol (EN 300 744)&DVB-S2 Protocol (EN 302 307)
- ↳ Support DVB-Data Protocol (EN 301 192)
- ↳ PCI Express 1.1 standard Spec.
- ↳ Digital Satellite TV and Radio Program Receiving
- ↳ HDTV (MPEG2&MPEG4/H.264)playing
- ↳ Real Time Digital Video Recording (DVR) and Scheduling Recording
- ↳ Time-Shifting
- ↳ Electronic Program Guide (EPG)
- ↳ Still Frame Capture
- ↳ Multi Free Channel Preview
- ↳ Subtitle
- ↳ Satellite / Transponder Auto Scan
- ↳ IP PID scanning, IP data broadcasting in LAN
- ↳ MPEG2 Video broadcasting in LAN, Generate IP data broadcasting task automatically
- ↳ IP MPEG4 media playing, IP MPEG4 media recording
- ↳ Internet via Satellite
 - DVB data service
 - High download speed via satellite bandwidth
- ↳ Favorite List
- ↳ Full Screen Display
- ↳ Multi language Switch
- ↳ MPEG-II Software Decoding
- ↳ Software Upgradeable
- ↳ DiSEqC 1.2 / USALS Support
- ↳ IR Remote Controller Available
- ↳ Perpare CA & CI Modul Upgrade interface

System Requirements

- ↳ Microsoft Windows 2000/XP /Vista
- ↳ Desktop
- ↳ P3 500MHz CPU or above for SDTV
- ↳ P4 2.0GHz CPU or above for HDTV
- ↳ 128M RAM for SDTV / 256M RAM for HDTV
- ↳ VGA Card with at the least 16MB Memory
- ↳ One Free PCI-Express slot
- ↳ Microsoft Direct X 8.1 or above

- ↳ Digital Satellite Dish & LNB

Tuner

- ↳ Input Terminal: F-type 75 Ohm
- ↳ Receiving Frequency: 950-2150 MHz Tuning Range
- ↳ Input Level: -75--10dBm
- ↳ Carrier Capture Range : ± 5 MHz
- ↳ Ambient Temperature: 0° C to +70 ° C
- ↳ Support MCPC and SCPC

Demodulator & FEC

DVB-S

- ↳ Symbol Rate: 2~45Msps
- ↳ QPSK filter: Root-raised cosine filter with roll-off 0.35
- ↳ Punctured codes: 1/2,2/3,3/4,5/6,7/8 and Auto

DVB-S2

Symbol Rate:2~30 Msps

FEC QPSK:1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

8PSK:3/5, 2/3, 3/4, 5/6, 8/9, 9/10

LNB & Switch control

- ↳ LNB Supply Voltage: 13V/18V with Short Circuit Protection
- ↳ DiSEqC: 1.2
- ↳ Support Data Burst & Tone Burst
- ↳ Antenna and LNB Control: 22KHz Tone
- ↳ Max. LNB Supply Current: 450mA

PCI-Express Interface

- ↳ PCI Express 1.1 Standard Spec.
- ↳ One full-duplex PCI Express Lanes.(x1 lane)
- ↳ PCIe Max_payload_size is 256bytes
- ↳ PCI Express Capability Structure Registers

De-Multiplexing

- ↳ No. Section Filtering: 32PIDs
- ↳ Engine: Software

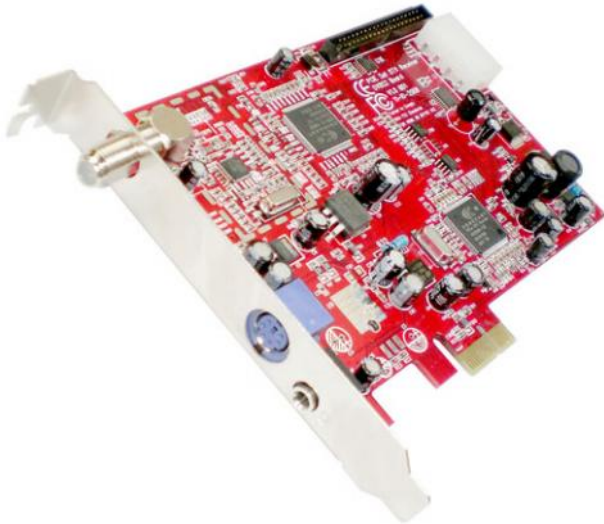
- Stream Capture: PES & TS

A/V Format

- Video Format: MPEG-II Main Profile & Main Level
- Audio Format: MPEG-II Audio Layer I & II

Options

- IR Remote Controller



If User purchased a CA reader, the CA reader is magical CA reader, it can read original smart card, like Irdeto, Viaccess, Conax, Nagravision, Seca ...

If User purchased a CI modul, the CI modul can support the list CAMS:

Compatible CAMs (Conditional Access Module)	
Compatible CAM	Version
AlphaCrypt	1.0
Aston I	1.05
Astoncrypt	1.03
BataCrypt	1.0
Conax	4.0/4.00e
Cryptoworks	1.0/12011
Irdeto	1.06/2.09
Nagravision	All
Pentacrypt	1.05
SECA I & II	1.05
Viaccess	1.0 V481/ V483
Zeta Cam	N/A

