

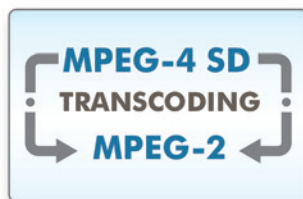
Converter Module

Seamless upgrade for MPEG-2 DVB-CI Receivers !

NEOTION
Innovation Attitude



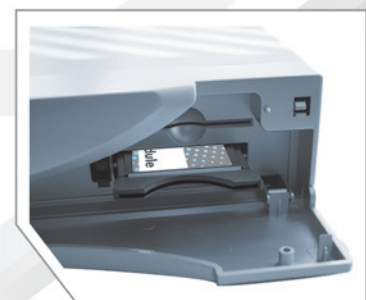
Free To Air



Converter Module for DVB-CI Digital TV & Set-Top Box !

Powered by NEOTION in-house silicon technology, the **NEOTION Plug-n-Play Converter Module** enables Digital TV sets (iDTV) and Set-Top Boxes to decode MPEG-4-SD TV programs.

Inserted in the Common Interface (DVB-CI) slot, **NEOTION Converter Module** allows customers to simply benefit from the booming emergence of MPEG-4-SD FTA TV channels in addition to the reception of MPEG-2 FTA TV channels on their digital receivers.



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NEOTION CONVERTER MODULE



Converter Module

Seamless upgrade for MPEG-2 DVB-CI Receivers !

Free To Air

MPEG-4 SD
TRANSCODING
MPEG-2



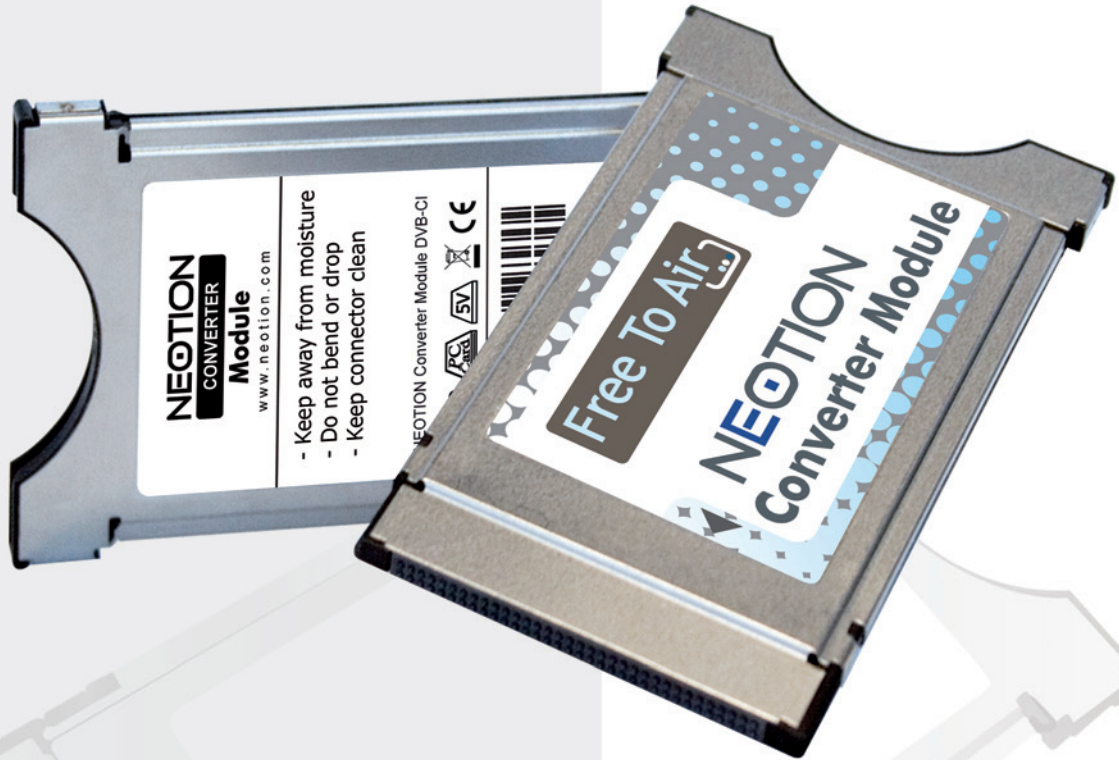
Environmental
Friendly



NEOTION MODULE

Plug-n-Play TV, DVB-CI Converter Module:

The smallest MPEG-4-SD AVC H.264 decoder ever !



CONVERTER MODULE MAIN FEATURES

Stream Type supported

- MPEG-4-SD video decoding
- Supports FullD1 up to Level 3.0 Main Profile
- MPEG-4-SDH.264 decoder with hardware accelerators to optimize complex processing
- MPEG-2 video real-time re-encoding and re-mux into standardized transport stream format

Interfacing

- Plug-and-Play & User Friendly
- DVB-CI high level MMI compliant
- Languages: English (more on demand)

Standards

- DVB Common Interface standard and PCMCIA ISO/IEC EN50221 compliant
- RoHS compliant - directive 2002/95/EC

OTA

- Upgrade from MPEG transport stream over the air
- DVB SSU compliant

Memory

- Off chip SDRAM: 256Mbits
- Off chip Serial Flash: 16Mbits

Processing

- ARM926™ @ 144MHz
- 16K I-cache and 16K D-cache
- Section Filters - Transport packet filters up to 32 PID
- On-Chip 64 Kbytes SRAM
- On-Chip secured BootROM

Size, Weight & Power supply

- PCMCIA Type II
- 46g
- 5 volts, from any DVB-CI host

Worldwide patent pending

