

# Professional Conditional Access Module



**Embedded CAS :**

**viaccess** ■

## DVB-CI PRO CAM for professional head-ends !

**P**owered by NEOTION in-house silicon technology, the **NEOTION PRO CAM** enables professional head-ends equipments to decode TV Programs scrambled with Conditional Access System **VIACCESS™**.

**I**nserted in the Common Interface (DVB-CI) slot, **NEOTION PRO CAM** allows professional customers of digital TV to receive and descramble up to 8 services simultaneously.



**IRD Pro**

**NEOTION SA** – France  
Tel: +33 (0)4 42 98 07 70  
e-mail: [business@neotion.com](mailto:business@neotion.com)  
[www.neotion.com](http://www.neotion.com)

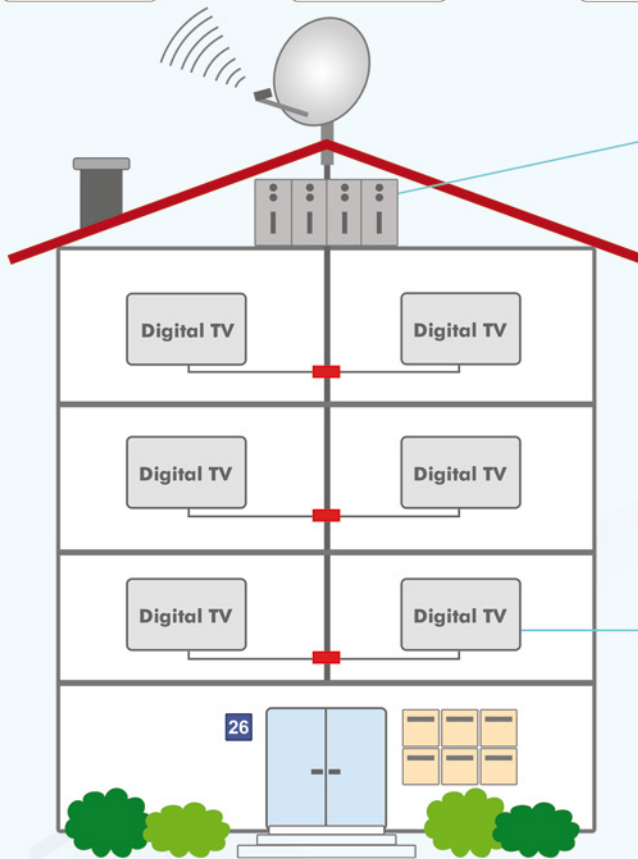
**NEOTION VIACCESS PRO CAM**



# Professional Conditional Access Module



Secured, small, easy to use, low power consumption.



Insert PRO CAM in the IRD Pro



## PRO CAM MAIN FEATURES



### Stream Type supported

- MPEG-2, MPEG-4, SD and HD
- All Audio Type (MPEG2, AAC, HE AAC, Dolby, etc)
- Private Data
- Teletext

### 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
- Smart Card: full ISO 7816-3 (T=0) 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

### Security

- VIACCESS™ Conditional Access System embedded (for MPEG-2 or MPEG-4, SD & HD Pay TV services)
- Unique and protected Authentication ID
- Hardware crypto accelerators
- On chip OTP

### Optional features

- Secure Chipset for application such as pairing (anti card sharing / anti control word sharing)

### Processing

- ARM926™ @ 144MHz
- 16K I-cache and 16K D-cache
- 8 DVB-CSA descrambler up to 48 PID
- Section Filters - Transport packet filters up to 32 PID

### Size, Weight & Power supply

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

