

viaccess-orca

**Consumer CAM**

The NEOTION CAM enables Digital TV sets (iDTV) and Set-Top Boxes to decode scrambled TV programs with Conditional Access System VIACCESS-ORCA™.

## VIACCESS-ORCA™ CAM MAIN FEATURES

### ► Secure chipset

- NEOTION in-house silicon technology
- DVB-CSA2, AES algorithm supported
- TS process bandwidth: up to 96 Mbps
- Secure upgrade from MPEG transport over the air and DVB-SSU compliant

### ► Standards

- DVB Common Interface standard and PCMCIA ISO /IEC EN50221 compliant
- Smart Card: full ISO 7816-3 compliant
- RoHS compliant – directive 2002/95/E
- Operating conditions: from 0°C to +70°C
- Copy Protection standards: both AES and DES encryption supported

### ► Targeted markets

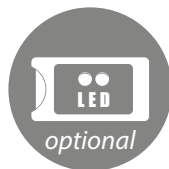
- DVB-CI CAM embedding Viaccess-Orca™ ACS 3.x for RETAIL & Operator market
- CI Plus CAM embedding Viaccess-Orca™ ACS 5.x and ACS 6.x for Operator market ONLY

### ► Interfacing / Consumption

- Common Interface slot plugging
- Directly powered by 5V from DVB-CI / CI Plus Host
- PCMCIA Type II size, 38g
- Low consumption: < 600 mW

### ► Features supported

- Dual Descrambling
- Multi-languages: up to 20 languages
- All Audio and Video type
- CI Plus 1.2 backward compatible



NEOTION CAM RANGE	URI broadcasted	Compatible receivers	CI Plus 1.3 resources supported
<b>CI Plus</b> ACS 5.x & ACS 6.x CAM	URI v1 or v2	DVB-CI CI Plus 1.2 / 1.3	CC Pin Code, Operator Profile, LSC, SAS...
<b>DVB-CI</b> ACS 3.x CAM	No	DVB-CI CI Plus 1.2 / 1.3	Not applicable