



CryptoGuard

Consumer CAM

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

CRYPTOGUARD™ 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
- ▶ **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
 - Self-diagnostic by LED: option available on demand
 - CI Plus 1.2 backward compatible



NEOTION CAM RANGE	URI broadcasted	Compatible receivers	CI Plus 1.3 resources supported
CI Plus	URI v1 or v2	DVB-CI CI Plus 1.2 / 1.3	CC Pin Code, Operator Profile, LSC, SAS...
DVB-CI	No	DVB-CI CI Plus 1.2 / 1.3	Not applicable