

NEOTION [CI Plus] Testing Kit

Description



The NEOTION CI Plus Testing Kit implements the main features of the CI Plus Specification v1.2. It enables to perform some advanced tests on different CI Plus resources. With the NEOTION's CAM included in this kit, the manufacturer can minimize time to market by doing some advanced interoperability tests.

Package



•Composition

The composition of the Testing kit is made of:

- ▶ 1 NEOTION CI Plus Testing Kit CAM (with testing certificates)
- ▶ 1 NEOTION CI Plus Testing Kit CAM (with production certificates)
- ▶ 1 Smart Card
- ▶ 1 DVD with:
 - 7 test streams
 - Test documentation

• Content

The "Testing Kit" contains the followings tests:

- ▶ **Authentication:**
Authenticate your host:
 - Testing certificates exchange
 - SAC establishment
 - Check mandatory CI Plus resources availability
- ▶ **CI Plus Browser:**
Many advanced tests wich enable to test the MHEG-5 engine:
 - Display picture with different size (25ko, 50ko, 100ko, 200ko)
 - Several items display (between 8 and 16)
 - Remote control key associated to displayed items

▶ CAPMT:

Enable to test CAPMT transmission and to see CAPMT information

▶ CAM software upgrade

Advanced tests on CAM software upgrade:

- Simulation of CAM software upgrade
- Real CAM software upgrade robustness tests (remove antenna, extract CAM...)

▶ Content Control:

Advanced tests on Content Control:

- Change CCK lifetime and refresh CCK
- Set URI
- Content Control state monitoring

▶ Other CI Plus resources that can be tested:

- Date and Time
- Host language and country
- Reset
- Host Control (Zapping)

