

SMiT Professional CAM Specification

Product Description:

- ◆ The CAM can be used on IRDs, which has DVB-CI interface
- ◆ Meticulously tested with IRDs models from Europe, the middle East, Australia, Asia

Chipset & TS bandwidth:

- ◆ Based on the Embedded 32-bit CPU (ARM7TDMI)
- ◆ Adopting advanced 0.18-micron technology
- ◆ Flash Size: 2M Bytes
- ◆ RAM Size: 256K Bytes
- ◆ TS process bandwidth: Up to 96Mbps (200Mbps in theory)
- ◆ Limited thermal aging test is over 24 hours

Physical & Electrical Characteristics:

- ◆ Dimensions: Type II PCMCIA card (100mm x 58mm x 5mm)
- ◆ Connector: 68-pin PCMCIA slot
- ◆ Operation voltage: 4.5V ~ 5.5V
- ◆ Operation current: <150mA
- ◆ Low power consumption: < 600mW

Standard:

- ◆ Plug and Play
- ◆ Compatible with DVB-CI standard (EN50221)
- ◆ Compatible with ETR289
- ◆ Compatible with ISO7816 T=0 protocol, Class A and Class B
- ◆ Compatible with MPEG-2/MPEG-4
- ◆ Compatible with the RoHS Directive 2002/95/EC and its subsequent amendments

Descrambling & Filtering:

- ◆ Supporting common descrambling algorithm of Europe
- ◆ Multi services descrambling (Optional), up to 12 services descrambling
- ◆ Up to 24 configurable PID filters for filtering packet or section data

Software Upgrade:

- ◆ Support OTA software upgrade