

GkWare DVB / ETSI EN-50221 Common Interface Stack

The GkWare Common Interface Stack already enables PayTV on thousands of DVB Settop boxes worldwide, including single-slot and dual-slot systems and little and big-endian CPUs. The ANSI-C sourcecode is portable and only a small lowlevel PCMCIA I/O driver has to be developed for new platform integrations. Compatibility for all modules available to the general public is guaranteed.

FEATURES

- Support for SCM CiMax and for direct GPIO connections
- Simple Integration of custom Resources
- Flexible PMT => CAPMT converter
- PCMCIA Card-Info-Structure decoder included
- Full ETSI R206-001 profile level 1 implementation
- Conax PPV returnchannel support
- PVR / Headend descrambling mode, including support for Aston Professional CAM series
- Supports friendly coexistence with other PCMCIA drivers (e.g. Compact Flash, Network Interface or Bluetooth)

REQUIREMENTS

- approximately 32kb RAM + 16kb per Slot
- Multitasking OS recommended (but not required) (existing ports for Nucleus+, uCOS, pSoS, Win32)

SUPPORTED EN50221 RESOURCES

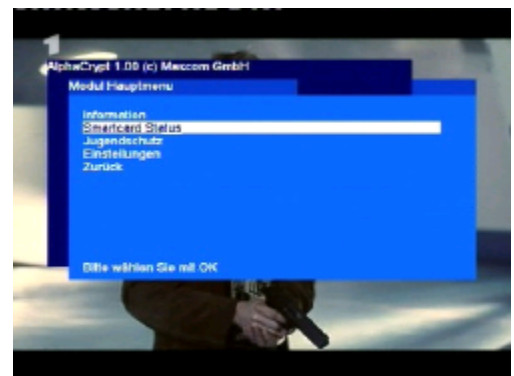
- Resource Manager
- Application Information Version 1 and 2
- MMI
- DateTime
- CA Support
- Host Control
- LowSpeed Communication

SUPPORTED PLATFORMS

- ARM7 (Thumb)
- ARM9
- MIPS
- ST (OS20)
- x86
- Conexant "Colorado" CX2249x
- Conexant "Bronco"
- TI AV711x
- Technotrend DVB-PCI Budget series (including clones)
- KNC-One TV-Station Cineview slot (including clones)



Whatever CI module you have...
we make it work !



MMI Menu Sample

Various licensing models are available, including low-volume closed-source and royalty-free with a limited sourcecode redistribution license.

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