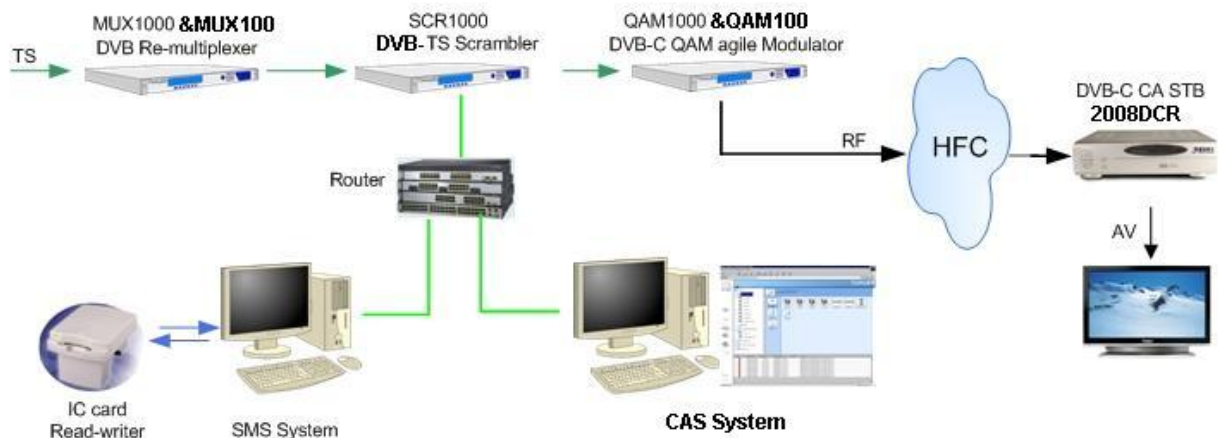


## SUNNISKY CAS DVB-CA (Conditional Access) System

SUNNISKY CAS conditional access system which complies with DVB-CA standard, could realize to scramble the digital transport streams by aid of technology of its hardware and software, and partial or all pay TV management by user's different grades to authorize in order to assure the interest of TV station and TV's provider, etc.

Together with SUNNISKY SCR1000 Professional DVB-TS Scrambler and SUNNISKY SMS (Subscriber management System), SUNNISKY CAS realize to scramble and encrypt the digital transport streams from DVB-TS Re-Multiplexer, etc.; At the receiving terminal, Subscribers could watch digital TV programs by aid of SUNNISKY 2008DCR and 2009DCR DVB-C CA STB. With high reliability and security, so it specially is suitable for lots of the DTV headend system of HFC network and digital MMDS/MUDS system less than 1,000,000 users.

### SUNNISKY CAS conditional access system for digital TV system



#### Feature

- Complies with DVB-CA standard
- Support Simultaneous-crypt and Multi-crypt work modes
- Regional lock-up function, which can effectively guarantee that subscribers under management in one area can not watch TV programs in other areas
- Multi-level key and algorithmic to assure the interest of operator
- Subscriber is authorized by Smart Card,
- Open or close authorization for subscribers with restricted date and time mode
- Perfect multi-level card-issuing system
- Max. 3.5Mbps bandwidth to transmit
- Reasonable redundancy and backup design to simply restore in case of the sudden failure during the operation
- Monitoring interface to monitor the operating status of relative headends' software
- High stability, one set of monitoring and restarting mechanism and system, Suitable for various pay-TV operators with thousands or millions of subscribers' Pay-TV management
- User friendly operation

#### Operation Environment of SUNNISKY CAS:

- OS System: Windows 2000 Server + SP4 + Patches of Windows2000;
- Database system: Microsoft SQL Server 2000
- Hardware: P4 1.7G above, 1GM EMS memory above, SCSI hard disk 20G above, 10M/100M auto-adapting network card

