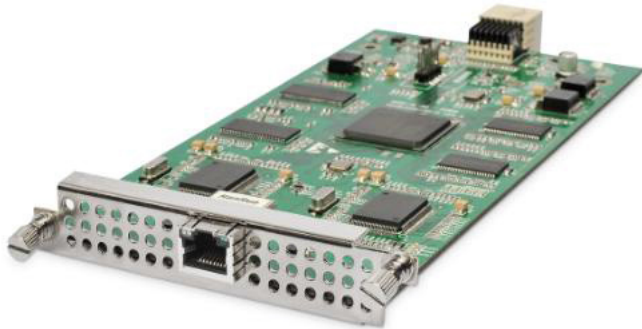


SCR

4/8/12-channel DVB-CAS/BISS/AES Scrambling Module



OVERVIEW

The 'SCR' module supports DVB CSA (including BISS) and all common types of AES scrambling.

It is fully compliant with all major CA and supports scrambling of up to 512 services.

KEY FEATURES

- DVB-CAS, BISS, and AES scrambling
- Support up to 512 services of scrambling
- Platform-based Modular Design

ORDERING INFORMATION

Model	Description
WAV-DMPSMP-CAS-4CH	4-CH DMP-SMP CAS Scrambler Module
WAV-DMPSMP-CAS-8CH	8-CH DMP-SMP CAS Scrambler Module
WAV-DMPSMP-CAS-12CH	12-CH DMP-SMP CAS Scrambler Module
WAV-DMPSMP-AES	DMP-SMP AES Scrambler Module
WAV-SMP100-CHASSIS	Chassis (1RU, embedded MUX and IP/ASI, 3 x slots)
WAV-DMP900-CHASSIS	Chassis (1RU, embedded MUX, 6 x slots, Dual PSU, hot-swappable)

SPECIFICATIONS

INTERFACE

Ethernet: 1 x RJ45, 100/1000Base-T

CAS SCRAMBLING

Scrambling algorithms: DVB-CSA
SCS: Internal
CAS Connections: Up to 4 difference CA systems
Supported CAS: Support all major CA systems
Max. TS rate: 800Mbps
EMM Bitrate: Up to 3Mbps

BISS SCRAMBLING

Number of Services: 512 (per module)
Scrambling Algorithms: DVB-CSA
BISS Mode: BISS-1
Scrambling: Service-level scrambling

AES SCRAMBLING

Scrambling algorithms: AES-CBC
Connections: Up to 4 different DRM systems
Supported CAS: Support all major CAS systems
Max. TS rate: 800Mbps

PHYSICAL & ENVIRONMENT

Power Consumption: Maximum 6 W
Operating Temperature: 0° C ~ 50° C
Storage Temperature: -10° C ~ 70° C
Operating Humidity: <95%
MTBF: >100,000 hours

