

# BLANKOM SCRAMBLER

## ■ SCA 107 DVB SCRAMBLER

The new **SCA 107** Scrambler is placed in a 19" 1RU chassis and designed as an open scrambler for today's and future digital network applications while it facilitates the transition to proprietary digital solutions and digital subscriber management.

The **SCA 107** is an open scrambler and is prepared for the cooperation with most DVB simulcrypt compliant CA – system and various subscriber management systems.

This unit provides a wide range solution for a cost efficient CA integration even for small and medium sized CATV networks and enables customer access and administration as well as flexible revenue generating possibilities when delivering scrambled Pay-TV channels.

The **SCA 107** is equipped with an ASI in- and output @ 54 Mbit/s and can be operated locally or remotely.

The key pad on the front panel allows all main settings and two Ethernet interfaces assure that a physical separation between management IP network and CAM network is given.



- Complete DVB compliant scrambler
- Supports most CA and subscriber management systems
- Equipped with ASI in- and outputs and ASI loop
- Max. 54 Mbit/s input and output data rate
- Supports local and remote access and configuration
- Two separate IP interfaces (1 for unit configuration, 1 for CA communication)

DVB Scrambler  
SCA 107

# Technical Specification

### ■ SCA 107 MULTIPLEXER

ASI Input	
Interface	1 Standard ASI Port (BNC)
Impedance	75 Ω
Packet length	188 or 204 bytes
Data rate	max. 54 Mbps
ASI Input Loop	
Interface	Standard ASI Port (BNC, paired)
Packet length	188 or 204 bytes
Impedance	75 Ω
Output	
Interface	Standard ASI Port (BNC, paired)
Impedance	75 Ω
Packet length	188 or 204 bytes
Data rate	max. 54 Mbps scrambled

Control/Data/Monitor	
Local	7 buttons and a LCD
Remote	Ethernet (TCP/IP) via NMS
Data port	Ethernet (TCP/IP)
Interface	2 x RJ45; 10/100
Software Updates	
	Ethernet (TCP/IP)
Operating parameters	
Current	85...264 V, 50/60 Hz
Power consumption	15 W
Physical information	
Weight	2500 g

#### ORDERING INFORMATION

TYPE	ORDER#	DESCRIPTION
SCA 107	0160.81	DVB Scrambler 2 x ASI-TS; 2 x ASI-TS Loop



#### Your BLANKOM Partner



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#### Associated BLANKOM Products

- EMA 207 4-way MPEG Encoder/Multiplexer
- VEA 107 3-way MPEG Encoder/Multiplexer
- AMA 299 QAM Modulator
- MXA 107 8 way Multiplexer
- DRP 3xx 8PSK/QPSK, COFDM, QAM, ASI - Receivers/Decoders
- DRD 694 TWIN 8PSK/QPSK Receiver with 2 ASI and GigE outputs
- DIP 120/1021 ASI ⇔ IP Gateways (Bi-directional)
- ITB 100 Modular ASI ⇔ IP Transcoder (Bi-directional)
- EQM 10x Edge QAM Modulator (IP to 24 x QAM/RF)