

# Selenio 6800+™

## Processing and Distribution

The Broadest Range of Core Distribution and Processing Functions



The acclaimed Selenio 6800+™ platform delivers the industry's broadest range of core processing and distribution functions in a flexible modular package. Incorporating a powerful mix of capabilities to satisfy even the most demanding needs, the platform's high-capacity architecture supports up to 20 single-wide modules per 2RU frame — significantly reducing frame count in your facility, and saving you rack space and capital costs.

### 3 Gb/s Processing

[HDX6803+AO+T](#)

Auto-Sensing HD/SD Audio De-Embedder with up to 8 AES and 8 Analog audio Outputs

[HDX6803+D](#)

Auto-Sensing 3G/HD/SD Audio De-Embedder with up to 8 AES Outputs

[HMX6803+AI+T](#)

Auto-Sensing HD/SD Audio Embedder with up to 8 AES and 8 Analog audio Inputs

[HMX6803+D](#)

Auto-Sensing 3G/HD/SD Audio Embedder with up to 8 AES Inputs

[SFS6803+Ax+T](#)

3G/HD/SDCapable A/V Frame Synchronizer with Analog Audio inputs/outputs

[SFS6803+D](#)

3G/HD/SD-Capable A/V Frame Synchronizer

[DSFS6802+D/+RLYD](#)

Dual-Channel SDI Frame Synchronization and Delay

### Advanced Audio

[APM6803+T](#)

Multichannel Audio Processing Station

[DAPM6802+D](#)

Dual SDI Channel Audio Processing

### Audio Conversion, Embedders, De-Embedders

[ADC6800+A4BCD](#)

4-Channel Audio Analog-to-Digital Converter with Delay

[DAC6800+BCA4D, +BCA4ZD](#)

AES Digital-to-Analog Audio Converters

[HDX6801+B4D, C4D](#)

Auto-Sensing HD/SD-SDI De-Embedders with 4 AES Outputs

[HMX6801+B4D, C4D](#)

Auto-Sensing HD/SD-SDI Embedders with 4 AES Inputs

## Automatic Change Over

ACO6800+ASID  
ACO6800+AES+CD/CDL/BD  
  
ACO6800+DSD  
ACO6800+IDSD  
  
ACO6800+4X2+ICQST  
ACO6800+ISCST  
ACO6800+ISD  
ACO6800+4X2D

Intelligent Single Switchover for ASI Sources  
Dual 1x4 or Single 1x8 AES Automatic Changeover and Distribution Amplifier  
Basic Dual Switchover for HD/SD Sources and for ASI Sources  
Intelligent Dual Switchover for HD/SD Sources and Basic Dual Switchover for ASI Sources  
Intelligent 4X2 Clean/Quiet Automatic Changeover  
Intelligent Single, Clean Quiet Switchover for HD/SD/ASI Sources  
Intelligent Single Switchover for HD/SD/ASI Sources  
Intelligent Single Switchover with 4X2 Mode for HD/SD/ASI Sources

## Compression, Networking

SRC6800+D  
IPA6800+D  
IPS6800+D  
IPZ6800+

Satellite Receiver and Demodulator Module  
IP Video Gateway — ASI to IP Encapsulator Module  
IP Video Gateway — SDI to IP Encapsulator Module  
Conversion of 204 byte ISDB-T BTS to/from 188 byte DVB ASI format

## Data/Metadata Insertion

DMDP6802+D  
  
AFD6800+D

Dual-Channel GPI/CC/Serial Data/SCTE104 Inserter/Extractor and VANC Bridge Module  
HD/SD AFD/WSS Insertion Module

## Distribution

DA-ASI6802+D  
DA-DH/DHR6804+D  
DA-DS/DSR6804+D  
DA-H/HR6802+S/D/DL  
DA-S/SR6802+S/D/DL  
VCA6800+S/D  
VDA6800+S/D  
VEA6800+S/D  
ARG6800+S/D  
AES6800+BS/BD/CS/CD  
WCLK6801+D/DL

1x8, SD/ASI with Reclocking and Transformers  
Low Power Dual 1x4 or Single 1x8 with Built-in ACO, 3G/HD/SD/ASI  
Low Power Dual 1x4 or Single 1x8 with Built-in ACO, SD/ASI  
1x4 or 1x8, 3G/HD/SD/ASI  
1x4 or 1x8, SD/ASI  
1x4 or 1x8, Analog Video, Clamping and Equalizing  
1x4 or 1x8, Analog Video  
1x4 or 1x8, Analog Video, Equalizing  
Analog Audio Remote Gain, Balanced  
1x4 or 1x9, AES/EBU, Balanced or Unbalanced  
Wordclock/1 PPS/10 MHz Distribution Amplifier

## HD Conversion, ARC

HDC6800+AD  
HUC6801+D  
XHD6801+DT, +UCT, +UCDT

HD Utility Downconverter, Q-SEE™-Compliant  
Upconverter with Motion-Adaptive 3D De-Interlacing  
HD/SD Up/Down/Cross/Aspect Ratio Converter with Enhanced Aspect Ratio Processing

## Synchronization, Delay

HFS6801+D

Auto-Sensing HD/SD-SDI Video Frame Synchronizer/Processor

## Video Conversion

DAS6801+D

Composite Analog A/V Decoder/Synchronizer/Embedder, Q-SEE™-Compliant

DEC6800+D

12-Bit Composite Analog-to-Digital Converter

DES6800+D

12-Bit Composite Video Decoder and Synchronizer

DQS6800+4CHD

4-channel SD video decoder and synchronizer

ENC6801+D

SDI Video Encoder, Q-SEE™-Compliant