SMP100 Media Platform

Product Overview

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SMP100 Overview

SMP series offers a cost-effective option with most of the features from DMP900 and help small/medium-sized operators at an affordable price.

- Any input to any output
- Compact modular design:

  1RU with 3 modules
- Embedded ASI/IP

Application:

multiplexing, receiving, encoding, transcoding, modulation, scrambling and more

Most cost-effective

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Features

Modularization

- 30 modules
- Standard interface
- Various functions

Embedded I/O

- 2 ASI input ports
- 2 ASI output ports
- 64 IP input channels
- 12 IP output channels

License Control

- Function limit
- Time limit
- OEM control

Centralization

- TS Multiplexing
- SW Loading
- Device Management

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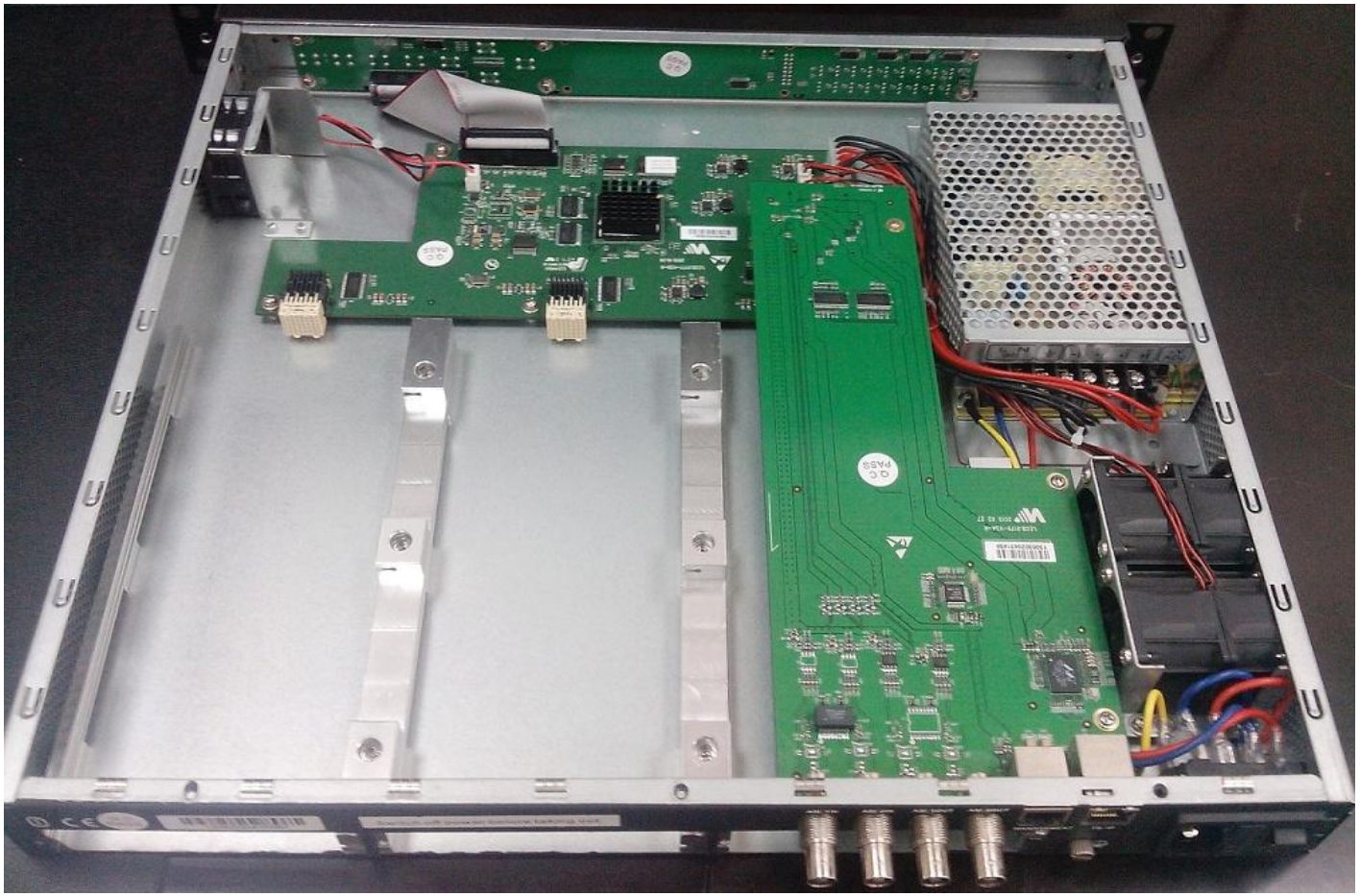
Chassis—SMP100



3 Slots + 1 PSU + Embedded ASI/IP

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DMP/SMP Modules

Receiving

- DVB-S2(4CH per module)
- DVB-C(4CH per module)
- DVB-T or DVB-T2(4CH per module)
- ATSC(4CH per module)
- ISDBT(4CH per module)
- DS3(4CH per module)

TS interface & decoding

- IP & ASI integrated module (64 TS In & 32 Out, 2xASI In or Out)
- Advanced TS over IP module(256 TS In & Out, UDP/RTP/RTSP/HLS)
- Decoding module for digital or analog output(2 HDMI/SDI or 4 CVBS)

Scrambling and de-scrambling

- Scrambling module for DVB(CAS) and IPTV(AES)
- CI module with 2 CAM slots

Encoding

- CVBS MPEG2 SD encoder(max. 4CH per module)
- CVBS MPEG2/4 low bit-rate SD encoder(max. 4CH per module)
- SDI SD/HD encoder(2CH per module)
- SDI low bit-rate SD encoder(2CH per module)
- SDI low bit-rate HD encoder(1CH)
- HDMISD/HD encoder(max. 4CH per module)

Transcoding

- MPEG2 SD transcoder(max. 4CH per module)
- H.264 SD/HD transcoder(2xHD or 4xSD)
- MPEG2/4 SD low bit-rate transcoder(max.4CH per module)
- Multi-screen transcoder(2CH with up to six profile output per CH)
- Dense MPEG2/4 low bit-rate SD/HD transcoder(2xHD or 8xSD)

Modulating

- QAM/OFDM modulating(8xQAMs or 4xOFDMs, scrambling optional)
- LQAM module(4xQAMs, local frequency combination)
- IQAM module(max.16QAMs, non-adjacent frequencies)
- ATSC modulating(2CH)
- ISDBT modulating(future option)

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Thanks !

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