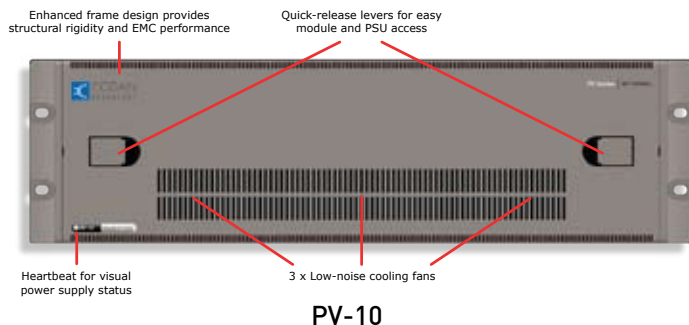


Overview

Codan Broadcast's PV Series Interface products provide customers with wide range and high quality in modular interface products. They support SD/HD (Multi-definition), SD, Analogue Video, AES, Analogue Audio and include DAs, embedders/de-embedders, converters, video and audio synchronisers, monitoring and a wide range of special purpose cards.

Codan Broadcast's PV-10 and PV-2 modular interface frames and power supply systems provide cost effective housing solutions for the PV Series interface products. Up to 10 interface modules may be accommodated in the PV-10 frame, and 2 interface modules may be accommodated in the PV-2 frame.

All PV Series cards can be housed in any of Codan Broadcast's PV Series euroframes. They can be mounted with other Codan Broadcast PV Series eurocard products in any combination. All cards are equipped with on-board fusing (using self-resettable poly fuses) and regulation, providing excellent card-to-card isolation.



PV-10

The PV-10 modular interface frame features dual redundant switch mode power supplies and it can accommodate up to 10 PV Series interface modules. The frame is 100% compatible with all Codan Broadcast PV Series interface modules and features active cooling via three low-noise cooling fans in the front panel.

PV-2

The PV-2 modular interface frame has a single linear power supply and it can accommodate two standard PV Series interface cards. Users may mix any PV Series interface modules within this housing.

Features

- ▶ Hot-swappable interface modules
- ▶ Structurally rigid frames
- ▶ Simple interface module installation
- ▶ Backward compatibility with all N series modules
- ▶ Mix of any HD, SDI, AES, analogue video and audio interface modules
- ▶ EMC compliant
- ▶ Active cooling with thermostatic control*
- ▶ Power supply status indication via the front panel heartbeat*
- ▶ Individual internal power supply status LEDs*
- ▶ High-efficiency 200 Watt switch mode power supply (PV-PSU250) with cooling fan control and power fail status outputs*

*PV-10 only



PV-2

Fast and easy installation

All PV Series interface modules are separately fused and regulated, which enables power consumption and heat loading to be evenly distributed across the frame.

Installing a PV Series interface module is achieved by simply installing the rear connector assembly into the backplane; two screws are used to secure the rear connector to the frame. The backplane buses all the supply rails to the interface modules. All frames are supplied complete with card guides and interface module backplane connectors. The module is then installed from the front. This operation can be completed whilst the frame is powered.

Input AC power to all frame housing options are 240 V AC or 110 V AC selectable. Power is supplied via a standard IEC connector. An IEC plug retention spring clip ensures that the IEC cable(s) cannot be removed accidentally.

Available in the PV Series Range

Frames & Power Supplies

PV-10	PV-10 3RU frame, dual redundant 240V/110V 200W PSUs. Houses 10 PV Series Euro modules.
PV-10-S	PV-10 3RU frame, single 240V/110V 200W PSU. Houses 10 PV Series Euro modules.
PV-2	PV-2 1RU housing, single 240V/110V PSU. Houses 2 PV Series Euro modules.
PV-PSU250	PSU250 200 Watt 240V/110V AC switch mode power supply.

VIDEO - Analogue, Digital and SD/HD (Multi-Definition)

MDA-C06-NR	SD/HD (Multi-Definition) Non-reclocking Distribution Amplifier.
MDA-C06-R	SD/HD (Multi-Definition) Reclocking Distribution Amplifier.
MDD-104N-AES	SD/HD (Multi-Definition) Distribution Amplifier with 10-bit Down-Converter. Re-embeds 1 x group of embedded AES or Dolby E into down converted outputs.
MDS-801N-LC	8 x 1 SD/HD (Multi-Definition) switcher with local control.
RC-801-RM-1-MQ-E	Rack Mount Remote Control Panel for 8 x 1 switchers. With enable button.
DAD-110N	SDI/ASI Non-reclocking Digital Distribution Amplifier.
DDA-204N	Dual SDI Non-reclocking Digital Distribution Amplifier.
RDA-110N	SDI/ASI Reclocking Digital Distribution Amplifier.
RDA-106N	SDI Reclocking Distribution Amplifier with Monitoring.
VDA-111N	Analogue Video Distribution Amplifier.
SSS-104N-FS	SD Frame Synchroniser.

Video Encoding & Decoding

SDC-104N	SD to YUV/RGB/Composite Analogue Video encoder.
T-DAC	SD to YUV/RGB/PAL/NTSC Analogue Video Encoder. Stand alone unit.
SDC-302N	Triple channel SD to Composite Video Encoder.
ADD-104N-FS	PAL/NTSC to SD Decoder & Frame Synchroniser.
TG-2004-B	PAL/NTSC Analogue Video or YUV and Analogue Audio to SDI Embedder and Encoder. Stand alone unit.

Embedders & De-Embedders

ADE-104N-DB	SD to AES De-embedder complete with ADE-DB D/A daughterboard.
ADE-104N	SD to AES De-embedder.
AAE-201N-75	2 x 75 Ω AES/4 x Analogue Audio into SD embedder.
AAE-201N-110	2 x 110 Ω AES/4 x Analogue Audio into SD embedder.

AUDIO - Analogue and Digital

AES-108N	AES Distribution Amplifier 1 x AES 75 Ω / 110 Ω .
AEM-106N	AES Distribution Amplifier 75 Ω / 110 Ω with monitoring.
SDA-106N-PHX	Stereo Analogue Audio Distribution Amplifier.
AS-801N-PHX-LC	8 x 1 Mono Analogue Audio or 4 x 1 Stereo Analogue Audio switcher with local control.

Video Isolators

Gatton Video	Analogue Video Isolator. Stand alone unit.
Gatton SDI	SD Isolator. Stand alone unit.

all modules include rear connector assembly