

PSA200

Power supply for MPP1700 chassis



OVERVIEW

Visionary Solutions' Internet Protocol TV encoders can turn video from any analog, HDMI, DVI-D, or HD-SDI source into full-screen, full resolution digital video, suitable for broadcast over public and private networks in real time.

IPTV is the next big step in audio and video media. There's no longer any reason to design, install and maintain a separate infrastructure for AV transport and communications, when you already have an IP network.

FEATURES

AC Power

The PSA200 is an international AC input (100-240V AC, 200 Watt) power supply provided for use within Visionary Solutions' MPP1700 IPTV Media Processing Platform.

Compact PCI Standard Compliant

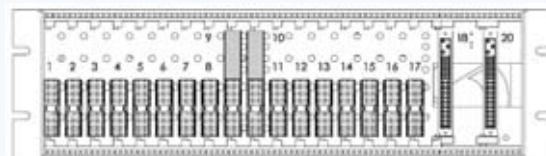
The power supply is 3RU high by 8HP wide.

Dual Redundant Power Option

The PSA200 power supply can be used singly or in tandem for dual redundant support. Should one unit fail the other takes over automatically.

Hot Swappable

No need to power down the chassis to make a change. If the MPP1700 chassis has two PSA200 power supplies and one fails, simply unplug it and plug in another without ever losing power to the chassis or its encoders.



Media Processing Platform Component

The PSA200 populates slot 18 and 20 of the MPP1700 (see above). Slots 1-17 on the chassis can be filled with any VSI blade product. At least one of the power supply slots must be filled. Achieve dual redundant power supply support by populating both slots 18 and 20.

The IPTV Media Processing Platform from Visionary Solutions is a high density rack mountable blade system. The MPP1700 platform, pictured at right, with dual redundant power scheme, will hold up to seventeen single slot encoder blades, or a combination of dual and single slot blades. The MPP200 has a single power source and can hold two single slot encoder blades or one dual slot blade. Each Media Processing Platform will incorporate a growing family of modules to support transport, switching, transcoding and monitoring of IPTV.



PSA200

Power supply for MPP1700 chassis

SPECIFICATIONS

Power

AC Input: 100-240 V~ (VAC), 3A; 50-60 Hz

Input Connections: J1 PIN 46
Neutral, PIN 47 Line, PIN 45
Ground

Outputs: V1 +5V/40A, V2 +3.3V/40A,
V3 +12V/5A, V4 -12V/2A.

Note: The total output power is not
to exceed 200 watts with 250
Linear Feet per Minute (LFM) of
forced air.

Protective Earthing: The PSA200
must be properly grounded to
mains protective earthing
termination at end use.

Fusing: In case of failure, the
PSA200 must be returned to VSI.
There are no serviceable parts in
the power supply.

Compliance

CE, UL Listed I.T.E. E257717

EMC: FCC Part 15 Class B

Dimensions

(W x D x H)

40.6 x 165.1 x 128.7
(1.60" x 6.5" x 5.07") without
handle

Depth with handle: 209.6 (8.25")

Weight

800g or 1.75 lbs. (approximate)

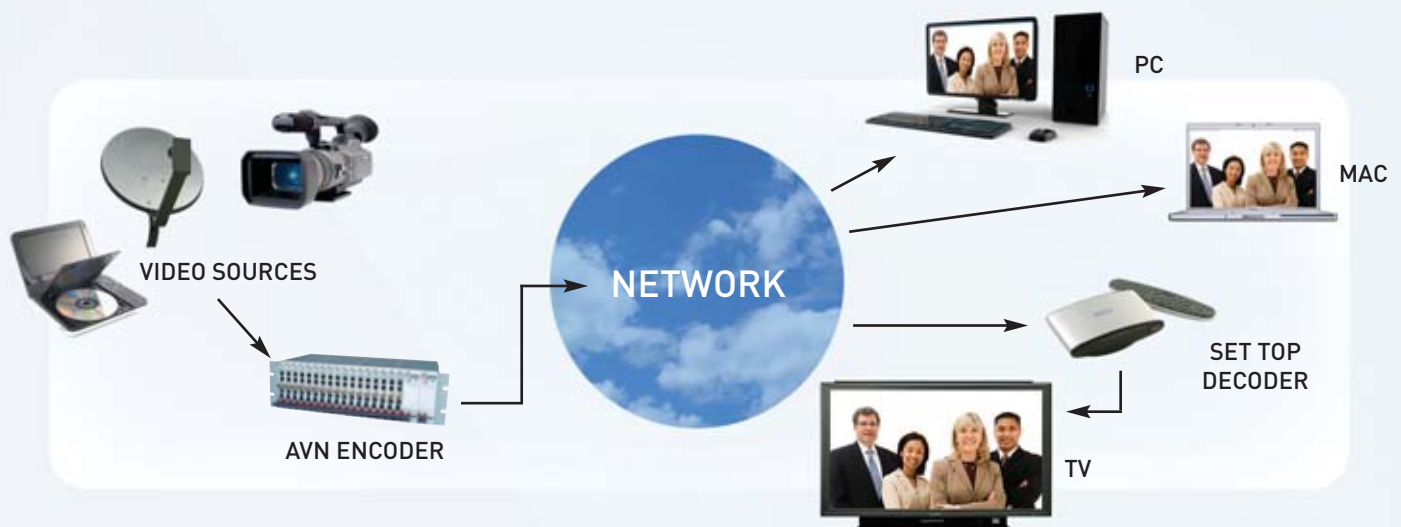
Includes

User's manual

Limited 12-month product
warranty

Optional

Extended Product Warranty



Visionary Solutions, Inc.

2060 Alameda Padre Serra, Suite 100
Santa Barbara, CA 93103
805-845-8900
www.vsicam.com



THE COST PERFORMANCE LEADER IN PROFESSIONAL IPTV



Contract Holder
Contract GS-35F-0327X

©2011 Visionary Solutions, Inc. All rights reserved.
Specifications subject to change without notice.
PSA200 specification, June 2011, revision 2.0.4