

# GRANITE PRECISION INC.

Advancing Technology in the Entertainment Industry

## Integrated Media Server

### IMS Modules:

#### Part Number and Description

GRANITE PRECISION INC.

#### The Integrated Media Server

- Audio, Video, Lighting, Animation, Control — all on board!
- Field-Accurate
- Network-enabled
- Park-wide scalability
- PC Price/Performance
- Easy Media Loading



GRANITE PRECISION INC.

2305 Alpen Ct. Ste. 201  
Pine Mountain  
CA 93222-5476  
www.graniteprecision.com

Toll-Free Phone/Fax: 877.2.IMS.GPI  
Phone: 661.242.2420

Email: sales@graniteprecision.com

**Base Units:** Includes *Neuron* Frame Accurate Show Control Software Module And *Braintrust* programming software. Can take any amount of modules to fit. Note: There is a limit to the number of HD video modules per base unit based on many considerations.

2U high 3 Module IMS base unit	RAC2U-0003
4U high 5 Module IMS base unit	RAC4U-0005
4U high 12 Module IMS base unit	RAC4U-0012
Hard Disc Hardware Performance Raid Option	RAID02-0010
Redundant Power Supply Unit Option	REDPSU-0001

**Video Modules:** Includes module and genlock cable. All modules are field-accurate, can do hardware fading to black, On-Screen Display of Graphics, genlock together regardless of whether HD or SD, and can play files out of dynamic memory or hard disc. All SD channels are up to 50Mbit/sec max. All HD are 100Mbit/sec max.

1 SD video S-Video/Composite with 2 Balanced Audio	VIDSD-STD
1 SD video SDI/S-Video/Composite with 2 Balanced/1 AES Audio	VIDSD-PLUS
1 SD video SDI/S-Video/Composite with 4 Balanced/4 AES Audio	VIDSD-PRO
1 SD video RGB/YUV/Comp with 2 Balanced Audio	VIDSD-STDRGB
1 SD video SDI/RGB/YUV/Comp with 2 Balanced/1 AES Audio	VIDSD-PLUSRGB
1 SD video SDI//RGB/YUV/Comp with 4 Balanced/4 AES Audio	VIDSD-PRORGB
1 HD video HDSDI/RGB/RGBHV/YUV with 2 Balanced/6 AES	VIDHD-PRO

**Audio Modules:** Includes module and appropriate XLR or BNC breakout cable. All modules are sample-accurate and genlock to video/system. All Modules can play up to 192 kHz 32 bit audio. All modules have on-board real-time mixing/routing included.

6 Out 2 In Balanced Audio	AUDAA-0602
4 Out 4 In Balanced Audio	AUDAA-0404
2 Out 6 In Balanced Audio	AUDAA-0206
16 Out 16 In AES Audio	AUDAD-1616

**Lighting Modules:** Includes module and XLR cable

512 DMX Channels Out	DMXO-0512
1024 DMX Channels Out	DMXO-1024
512 DMX Channels Out, 512 Channels In	DMXIO-1024
512 DMX Channels In	DMXI-0512
1024 DMX Channels In	DMXI-1024

**Animation & Digital/Analogue Discrete I/O Modules:** Includes module and breakout cable to din-rail mounted breakout panel

16 Digital Relays Out, 16 Digital Wet/Dry, 0-50VDC In	DIGIO-1616
64 Digital Wet Contacts 0-50VDC Out	DIGIO-6400
64 Digital Wet Contacts 0-50VDC In	DIGIO-0064
8 Analogue 0-10VDC Unipolar/Bipolar 16 bit Out	ANAIO-0800
16 Analogue 0-10VDC Unipolar/Bipolar 12 bit In	ANAIO-0016

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### ...Continued from Previous Page

**Communications:** Includes module and serial includes breakout cable

8 Channels of RS-232 Serial Communications	RS232-0008
2 Channels of Ethernet TCP/IP Communications	ETHIO-0002
Unlimited Channels of Ethernet TCP/IP Communications	ETHIO-9999
SMPTE LTC In (read) - balanced signal	LTCIO-0001
SMPTE LTC Out (generate) - balanced signal	LTCIO-0100
SMPTE LTC In/Out (generate/read) - balanced signals	LTCIO-0101
Midi In/Out (does not require an available slot)	MIDIIO-0101

**Other Products:** Synapse Console can be run on the IMS directly, or on a remote OCC.

When choosing the Remote OCC, also select a Synapse Console Option

Synapse Console OCC/Display with up to 50 screen objects	SYNCON-0050
Synapse Console OCC/Display with unlimited screen objects	SYNCON-9999

### Cables and Accessories:

SD Pro Audio Cable with 4 XLR for Balanced, 2 XLR for AES	VIDSPACX-042
SD Pro Audio Cable with 4 XLR for Balanced, 2 BNC for AES	VIDSPACB-042
SD Plus Audio Cable with 2 XLR for Balanced, 1 XLR for AES	VIDSPACX-021
SD Plus Audio Cable with 2 XLR for Balanced, 1 BNC for AES	VIDSPACB-021
SD Standard Audio Cable with 2 XLR for Balanced	VIDSSACX-020
HD Pro Audio Cable with 6 BNC for AES	VIDHPACB-006
SD Standard/Plus/Pro S-Video Adaptor Cable	VIDSVCS-001
HD Pro Video Cable—DVI-I to VGA	VIDHVCV-001
HD Pro Video Cable—DVI-A to 5 BNC	VIDHVCA-001