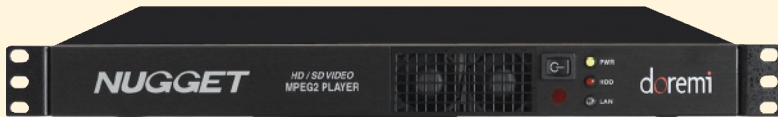# NUGGET
HD VIDEO PLAYER

The Nugget is the affordable solution for high definition video playback. Its superior resolution HD video is a perfect match for the new generation of video projectors, LCD and plasma displays that feature native resolution far superior to standard definition video.

The Nugget plays standard definition and HD MPEG2 4:2:2 and 4:2:0 files up to 80Mbits/sec. Transfer MPEG2 video files to the Nugget's internal IDE drive via Ethernet. MPEG2 video clips can be played in their native resolution or converted to any supported output format.

The new DoremiAM software facilitates the Ethernet transfer of MPEG2 files and many other popular video file formats to the Nugget's internal drive.

Control via serial RS-422 or Ethernet. Software is provided for effortless video clip and play list administration. The Nugget can also playback video from a stored playlist for stand alone operation.

Advanced Features

Remote Operation
The Nugget features Ethernet and 9pin serial RS-422 control for remote operation. Supports Sony P2 and Odetics protocols.

Auto Play and Stand Alone Operation
The Nugget's Auto-Play feature automatically plays a video play list on power-up. The Nugget does not require an external controller for operation.

Multi-Unit Synchronization
The Nugget's chase feature makes it easy to setup multiple Nugget players for synchronized operation with or without an external controller. Synchronized operation can even be set to start automatically on power up.

Logo Generator
A 20 by 20 pixel logo can be transferred to the NuggetPro's internal drive. The NuggetPro will then superimpose the logo over the HD-SDI video output.

HIGHLIGHTS

Plays HD Video and SD Video MPEG2 Files at up to 80Mbits/sec

4:2:0 and 4:2:2 Color Processing

Built-in Video Up/Down Converter

HD-SDI, SDI, DVI and Analog Video Outputs

Hot Swap Removable Hard Drive

Genlock Input

APPLICATIONS

Museums
Theme Parks
Broadcasting
Concerts
Retail and More

doremi

NUGGET
HD VIDEO PLAYER

Rear Panel Standard Version

6 Ch. Analog — RS-422 — GIGABIT ETHERNET
Audio
DVI-I — Composite OUT — IEC 958 AUDIO
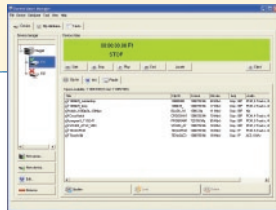
RCV2 Remote Controller

The RCV2 9 pin serial controller provides a familiar VTR-like interface for remote control of up to two Nuggets. The RCV2 can also synchronize playback of two Nuggets.

Rear Panel Pro Version

SYNC IN LTC OUT LTC IN AES/Analog AUDIO RS-422 GIGABIT ETHERNET
HD-SDI OUT SD-SDI OUT DVI-I Composite OUT IEC 958 AUDIO

Removable drive with the Nugget2U

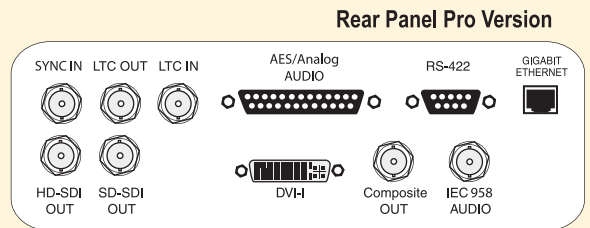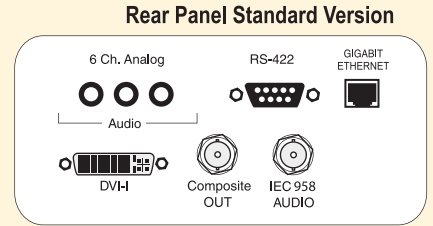The Nugget2U features a hot-swap removable drive.

Doremi Asset Manager

The easy to use Doremi Asset Manager software seamlessly transfers popular computer video files to the Nugget's internal hard drive via Gigabit Ethernet. Doremi Asset Manager supports the file formats listed below:

- Blackmagic Uncompressed (8bit and 10bit)
- YUV Uncompressed
- Photo JPEG. MJPEG-A & B
- H264
- MPEG
- Avid DNxHD Codec
- WMV
- DIVX
- XVID
- MPEG2
- Matrox MPEG2
- HDV
- DV
- DVCPro25
- DVCProHD

SPECIFICATIONS

FEATURES
Plays MPEG2 files up to 80Mbits/sec. MPEG2 files reside on one internal drive

INTERFACE
RS-422 Serial
Gigabit Ethernet
Sony P2 and Odetics protocols

AUDIO
Analog 6 channels
AES/EBU 6 channels (NuggetPro) on a DB-25 connector
IEC 958 Audio
Embedded Audio on HD-SDI

NUGGET PRO ADDS:
SDI Out
HD-SDI Out
Sync In (bi / tri-level)
AES/EBU Audio
LTC In/Out
ATC on HD-SDI

Multi-Unit Synchronization & Logo Generator feature only available with NuggetPro

VIDEO OUTPUT
Output Resolution
1080i, 1080p, 720p, 525, 625 plus DVI resolutions
Video Type
Simultaneous Video Outputs
Composite
DVI-D (via DVI-I)
SDI (NuggetPro)
HD-SDI (NuggetPro)
RGB / YPbPr (via DVI-I)
(DVI-I breakout cable required for RGB and YPbPr output. Cable not included.)

VIDEO INPUT
SYNC IN (NuggetPro)

POWER
100-240VAC 50-60Hz
180W Max

DIMENSIONS
1 Rack Unit 19" x 13" x 1.75"
(483mm x 330mm x 44mm)
Nugget with removable drive:
2 Rack Unit 19" x 14" x 3.5"
(483mm x 356mm x 88mm)

ORDERING INFO

Nugget	MPEG2 HD or SD video player with internal drive. 1RU
Nugget Pro	MPEG2 HD or SD video player with internal drive. 1RU adds HD-SDI, SDI, SYNC in, AES/EBU and more
Nugget2u	Adds removable drive capability to the Nugget. 2RU
Nugget2uPro	Adds removable drive capability to the NuggetPro. 2RU

ORCA HD-MPEG2 Encoder

Doremi Labs' ORCA HD-MPEG2 encoder is a great companion for the Nugget player. The ORCA creates, in real-time, a HD or SD MPEG2 transport stream file for playback on the Nugget.

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