

NexTV 簡介：


放眼未來數位家庭的願景，NexTV 新視紀媒體科技於 2004 年 4 月成立，成員皆有豐富的網路影音平台建置與經營經驗，對於數位版權技術的開發，更是不遺餘力，為微軟 DRM(Digital Rights Management)在亞洲地區的認證合作廠商。

DRC 影像擷取卡系列規格

• standard feature o optional feature

Inputs and Encoding Channels	2600	2000	1600	1400	500
Video encoding channels (simultaneous inputs)	2	2	1	1	1
Audio processing channels	4 stereo	4 stereo	4 stereo	4 stereo	2 stereo
Composite inputs	4 BNC ¹	4 BNC	4 BNC ¹	4 BNC ¹	1 RCA
Y/C (S-Video) inputs	2 ¹	2	2 ¹	2 ¹	1
Component inputs (3 BNC)	2 ¹	2	2 ¹	2 ¹	none
SDI (inc. embedded audio)	2	none	1	1	none
DV via host system IEEE-1394 port ²	1	none	1	none	none
Balanced audio (XLR)	4 ¹	4	4 ¹	4 ¹	4
Unbalanced audio (RCA)	4 ¹	4	4 ¹	4 ¹	2
AES/EBU audio (XLR)	2 stereo ¹	none	2 stereo ¹	2 stereo ¹	none
VBI capture with Closed Caption support	•	•	•	•	

Connections, Input Format Support	DRC-Stream
<p>Video/audio input connectivity</p> 	<p><i>DRC-Stream 500:</i> Direct video and unbalanced audio connectivity; balanced audio through included breakout cable</p> <p><i>DRC-Stream 2000:</i> Breakout cable standard, 1RU breakout box optional</p>

	DRC-Stream 1400/1600/2600: SDI connectivity standard; breakout cable or 1RU breakout box optional
Input video frame formats	480i @ 59.94Hz (NTSC), 576i @ 50Hz (PAL)
Audio support	48kHz/24-bit audio processing (16-bit capture)
General Features	DRC-Stream
Capture/encode to files from live inputs or decks (w/o deck control)	•
Capture/encode to files from deck with RS-422 control	o
Transcode from source media files	•
Live streaming	•
Archive to files during live streaming	•
Hardware Processing (SDI, AES and analog inputs)	DRC-Stream
Video pre-processing (motion adaptive de-interlacing, 2D & 3D noise reduction, aspect ratio conversion, cropping, scaling, filtering, proc amp controls, gamma correction)	•
Audio pre-processing (7-band parametric EQ per channel, dynamic range compression/ expansion, bass/treble, sample rate conversion, volume)	•
Graphic overlay	•
Stream LE software features	DRC-Stream
Easy-to-use interface with single-click encoding	•
Simultaneous output to multiple codecs, resolutions and bitrates	•
Encoding formats (codecs and containers) Click here for more details of standard and optional formats.	<p><i>Standard:</i> VC-1 (Microsoft Silverlight incl. IIS Smooth Streaming; Windows Media WMV), QuickTime, AVI, RealVideo and more. (Apple ProRes import available with third-party QuickTime filters).</p> <p><i>Optional:</i> AVC (H.264, MPEG-4 Part 10), MPEG-2, MPEG-1, H.264 for Web (Adobe® Flash® incl. Dynamic Streaming; Microsoft IIS Smooth Streaming), On2 VP6, Dolby®</p>

	Digital and Digital Plus, Dolby Pulse (AAC), JPEG2000, iPhone® H.264 with integrated segmenting, Avid DNxHD®, 3GPP, MXF, GXF, LXF, DVCPPro, XDCAM HD, RED (import only) and more.
Interactive control of hardware preprocessing capabilities	•
Programmable event triggers (GPI , duration, custom keys)	•
Integration with Digital Rapids Transcode Manager (sold separately)	•
Optional Stream FE software upgrade	DRC-Stream
RS-422 deck control for batch capture and logging	o
Batch Encoding (real-time capture with auto transcode)	o
Video and audio processing plug-ins (graphic and video overlay, adaptive inverse telecine, color space conversion, open captioning, audio track mix-down and more) with support for third-party DirectShow and DMO plug-ins	o
E-mail notifications and automated FTP distribution	o
Watch Folder support and batch Clip Lists for media file transcoding	o
Batch Encoding (real-time capture with auto transcode)	o
Direct DVD publishing	o
Integration with Digital Rapids Broadcast Manager (sold separately)	o

1. Optional breakout cable or breakout box required for analog and AES/EBU inputs with DRC-Stream 1400/1600/2600 (SDI connectivity standard)
2. Hardware-based pre-processing not available on host-based inputs

DRC 1400 影像擷取卡主要規格

- Single-channel analog/digital PCI card.
- 1 **SDI**, Component, Composite, S-Video with 8 channels of audio including Bal & Unbal analog, AES, embedded **SDI**. Includes Stream LE software.

STREAM LE 軟體基本規格

- LE 基本規格：
- Encoding formats (codecs and containers) :
- *Standard:* **VC-1** (Microsoft Silverlight incl. **IIS Smooth Streaming**; Windows Media **WMV**), **QuickTime**, **AVI**, **RealVideo** and more.

LE 軟體支援以下格式：

輸入：**Input Formats and Containers (File-Based)**

- AVI¹
- QuickTime® (Media and Ref. files; incl. Apple® ProRes and Avid DNxHD® in MOV with free third-party codecs)¹
- Microsoft Windows Media / SMPTE VC-1
- WAV (incl. RF64, Broadcast WAV), MP3 and AAC² audio
- Omneon (MOV)¹
- DV/DVCPRO 25 in MOV

輸出：**Output Formats and Containers (File-Based)**

- VC-1 (Microsoft Silverlight incl. IIS Smooth Streaming; Windows Media WMV; Elementary Streams)
- MPEG-4 Part 2 (via QuickTime®)
- AVI
- RealVideo / RealAudio (Helix) 9 & 10
- WAV audio (multi-channel, RF64, Broadcast WAV)
- AES3 audio (SMPTE 331M, AES3-2003)
- Closed Caption file (SCC, SAMI, SRT)⁵

串流：**Output Formats (Streaming)**

- VC-1 (Microsoft Silverlight incl. IIS Smooth Streaming; Windows Media WMV)

Includes 1st year maintenance (basic support and all software maintenance updates during that year).

STREAM FE 軟體基本規格

- FE 基本規格：(和 LE 相同)

Encoding formats (codecs and containers)：

- *Standard:* VC-1 (Microsoft Silverlight incl. IIS Smooth Streaming; Windows Media WMV), QuickTime, AVI, RealVideo and more.

FE 軟體同時支援以下格式：

輸入：**Input Formats and Containers (File-Based)**

- AVI¹
- MPEG-1, MPEG-2 (including VOB), MPEG-4/H.264
- QuickTime® (Media and Ref. files; incl. Apple® ProRes and Avid DNxHD® in MOV with free third-party codecs)¹

- Microsoft Windows Media / **SMPTE VC-1**
- WAV (incl. RF64, Broadcast WAV), MP3 and AAC² audio
- Omneon (MOV)¹
- DV/DVCPRO 25 in MOV
- Image Sequence import (18 still image formats)
- AES3 audio (SMPTE 331M and 302M, AES3-2003)
- Closed Caption / Timed Text file (SCC, DXFP)

輸出：Output Formats and Containers (File-Based)

- **VC-1** (Microsoft **Silverlight** incl. **IIS Smooth Streaming**; Windows Media **WMV**; Elementary Streams)
- **MPEG-4 Part 2** (via QuickTime®)
- AVI
- MPEG-1 and MPEG-2 (4:2:0 and 4:2:2, compatible with CableLabs® VOD specifications)
- leLabs® VOD specifications)
- QuickTime
- **RealVideo / RealAudio** (Helix) 9 & 10
- Image Sequence (18 still image formats)
- **WAV** audio (multi-channel, RF64, Broadcast WAV)
- **AES3** audio (SMPTE 331M, AES3-2003)
- **MP3** audio (stereo and surround)
- Closed Caption file (SCC, SAMI, SRT)

串流：Output Formats (Streaming)

- **VC-1** (Microsoft **Silverlight** incl. **IIS Smooth Streaming**; Windows Media **WMV**)
- MPEG-2 in Transport Stream (UDP/RTP with RTSP)

Includes: Deck control, automatic FTP distribution and E-mail Notification, Watch Folder support, multi-clip batch transcoding, DVD publishing, Thomson MP3 audio encoding, video and audio processing plug-ins, MPEG-2 streaming over UDP or RTP and all features of Stream LE. Required for use with Broadcast Manager and some optional format modules. Includes 1st year maintenance (basic support and all software maintenance updates during that year).

STREAM FE 軟體可加購升級內容

DRC AVC for Web	<ul style="list-style-type: none">● AVC (H.264) live broadcast (streaming) over RTMP protocol to Adobe Flash Media Server, Smooth Streaming to IIS and Quicktime Streaming, plus creation of AVC F4V/FLV Adobe Flash 9 and AAC Smooth Streaming files for on-demand applications. Includes AAC-HE and AAC-LC audio, RTMP and Silverlight support.● Supports Baseline and Main H.264 profiles; progressive output only. Includes Thomson MP3 codec.*Requires Stream FE or Stream LE 3.2 or higher.
iPhone Encoder	<ul style="list-style-type: none">● iPhone (H.264 and AAC-HE in a segmented MPEG-2 TS) encoder module. Live and on-demand delivery to Apple iPhone with integrated iPhone stream segmenter.● One license required per hardware encoding channel. Includes 1st year maintenance (basic support and all software maintenance updates during that year). Requires Stream 3.2 or higher.
3GPP/Mobile Encoder	<ul style="list-style-type: none">● 3GPP/Mobile (H.263, H.264 and MPEG-4 Part 2) video with AAC-LC or AMR audio) encoding to files and live broadcast (streaming) powered by Dicas.

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