

# AdManager for Cable

Format Support

| WRAPPER                 | VIDEO FORMAT       | AUDIO FORMAT                  | ADMANAGER |        | ADMANAGER HD |        |
|-------------------------|--------------------|-------------------------------|-----------|--------|--------------|--------|
|                         |                    |                               | Decode    | Encode | Decode       | Encode |
| <b>Mobile &amp; Web</b> |                    |                               |           |        |              |        |
| 3GP                     | H.264/AVC          | AAC-LC                        | ■         | ■      | ■            | ■      |
| 3GP                     | H.264/AVC          | AMR-NB                        | ■         | ■      | ■            | ■      |
| 3GP                     | MPEG-4             | AAC-LC                        | ■         | ■      | ■            | ■      |
| 3GP                     | MPEG-4             | AMR-NB                        | ■         | ■      | ■            | ■      |
| 3GP                     | H.263              | AAC-LC                        | ■         | ■      | ■            | ■      |
| 3GP                     | H.263              | AMR-NB                        | ■         | ■      | ■            | ■      |
| AVI                     | Uncom. AVI Stream  | Uncom. AVI Audio              | ■         | ■      | ■            | ■      |
| AVI                     | Uncom. AVI Stream  | MS ADPCM Codec                | ■         | ■      | ■            | ■      |
| AVI                     | Uncom. AVI Stream  | Fraunhofer IIS MPEG layer 3   | ■         | ■      | ■            | ■      |
| AVI                     | Uncom. AVI Stream  | MS IMA ADPCM                  | ■         | ■      | ■            | ■      |
| AVI                     | Uncom. AVI Stream  | MS CCITT G711 A-Law and U-Law | ■         | ■      | ■            | ■      |
| QuickTime               | ProRes 422         | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | ProRes 422         | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | H.264/AVC          | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | H.264/AVC          | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | H.264/AVC          | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | H.264/AVC          | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | MPEG-4             | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | MPEG-4             | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | MPEG-4             | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | MPEG-4             | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | MJPEGA/B           | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | MJPEGA/B           | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | MJPEGA/B           | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | MJPEGA/B           | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | Sorenson Video 3   | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | Sorenson Video 3   | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | Sorenson Video 3   | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | Sorenson Video 3   | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | Avid Meridien      | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | Avid Meridien      | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | Avid Meridien      | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | Avid Meridien      | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | Avid ABVB          | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | Avid ABVB          | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | Avid ABVB          | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | Avid ABVB          | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | Avid NuVista       | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | Avid NuVista       | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | Avid NuVista       | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | Avid NuVista       | Qualcomm                      | ■         | ■      | ■            | ■      |
| QuickTime               | Cinewave 8 bit YUV | AAC-LC                        | ■         | ■      | ■            | ■      |
| QuickTime               | Cinewave 8 bit YUV | PCM                           | ■         | ■      | ■            | ■      |
| QuickTime               | Cinewave 8 bit YUV | Qdesign Music 2               | ■         | ■      | ■            | ■      |
| QuickTime               | Cinewave 8 bit YUV | Qualcomm                      | ■         | ■      | ■            | ■      |

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| WRAPPER                          | VIDEO FORMAT      | AUDIO FORMAT     | ADMANAGER |        | ADMANAGER HD |        |
|----------------------------------|-------------------|------------------|-----------|--------|--------------|--------|
|                                  |                   |                  | Decode    | Encode | Decode       | Encode |
| <b>Mobile &amp; Web (cont'd)</b> |                   |                  |           |        |              |        |
| QuickTime                        | Radius Cinepak    | AAC-LC           | ■         | ■      | ■            | ■      |
| QuickTime                        | Radius Cinepak    | PCM              | ■         | ■      | ■            | ■      |
| QuickTime                        | Radius Cinepak    | Qdesign Music 2  | ■         | ■      | ■            | ■      |
| QuickTime                        | Radius Cinepak    | Qualcomm         | ■         | ■      | ■            | ■      |
| QuickTime                        | Photo JPEG        | AAC-LC           | ■         | ■      | ■            | ■      |
| QuickTime                        | Photo JPEG        | PCM              | ■         | ■      | ■            | ■      |
| QuickTime                        | Photo JPEG        | Qdesign Music 2  | ■         | ■      | ■            | ■      |
| QuickTime                        | Photo JPEG        | Qualcomm         | ■         | ■      | ■            | ■      |
| WMV                              | WM7               | WMA V7, V8, V9   | ■         | ■      | ■            | ■      |
| WMV                              | WM7               | WMA V9 Pro       | ■         | ■      | ■            | ■      |
| WMV                              | WM7               | WMA V9 Voice     | ■         | ■      | ■            | ■      |
| WMV                              | WM8               | WMA V7, V8, V9   | ■         | ■      | ■            | ■      |
| WMV                              | WM8               | WMA V9 Pro       | ■         | ■      | ■            | ■      |
| WMV                              | WM8               | WMA V9 Voice     | ■         | ■      | ■            | ■      |
| WMV                              | WM9               | WMA V7, V8, V9   | ■         | ■      | ■            | ■      |
| WMV                              | WM9               | WMA V9 Pro       | ■         | ■      | ■            | ■      |
| WMV                              | WM9               | WMA V9 Voice     | ■         | ■      | ■            | ■      |
| WMV                              | VC-1              | WMA V7, V8, V9   | ■         | ■      | ■            | ■      |
| WMV                              | VC-1              | WMA V9 Pro       | ■         | ■      | ■            | ■      |
| FLV                              | Flash 9/H.264     | AAC-LC           |           | ■      |              | ■      |
| F4V                              | Flash 9/H.264     | AAC-LC           |           | ■      |              | ■      |
| DV                               | DV25/50           | PCM              | ■         | ■      | ■            | ■      |
| DV                               | DVCPRO25/50       | PCM              | ■         | ■      | ■            | ■      |
| MP4                              | PSP               | AAC-LC           | ■         | ■      | ■            | ■      |
| MP4                              | MPEG4             | AAC-LC           | ■         | ■      | ■            | ■      |
| MP4                              | H.264             | AAC-LC           | ■         | ■      | ■            | ■      |
| MP4 XDCAM EX                     | MPEG2             | WAV              | ■         | ■      | ■            | ■      |
| MPEG-ES                          | MPEG2             | MPEG1 Layer 3    | ■         | ■      | ■            | ■      |
| MPEG2-ES .m2v                    | MPEG2             | PCM              | ■         | ■      | ■            | ■      |
| MPEG2-ES .m2v                    | MPEG2             | Dolby Digital    | ■         | ■      | ■            | ■      |
| AVI                              | Liquid Archive DV | PCM              | ■         | ■      | ■            | ■      |
| AVI                              | Matrox Axio DV    | PCM              | ■         | ■      | ■            | ■      |
| AVI                              | Matrox RTL DV     | PCM              | ■         | ■      | ■            | ■      |
| MPEG2-PS                         | MPEG2             | Dolby Digital    | ■         | ■      | ■            | ■      |
| MPEG2-PS                         | MPEG2             | MPEG1 Layer 2    | ■         | ■      | ■            | ■      |
| MPEG2-TS .trp .mpg               | MPEG2             | AES Uncompressed | ■         | ■      | ■            | ■      |
| MPEG2-TS .trp .mpg               | MPEG2             | MPEG1 Layer 2    | ■         | ■      | ■            | ■      |
| MPEG1-SS                         | MPEG1             | MPEG1 Layer 2    | ■         | ■      | ■            | ■      |
| QuickTime                        | IMX30/40/50       | PCM              | ■         | ■      | ■            | ■      |
| QuickTime                        | DV25/50           | PCM              | ■         | ■      | ■            | ■      |
| QuickTime                        | DVCPRO25/50       | PCM              | ■         | ■      | ■            | ■      |
| QuickTime                        | XDCAM HD          | PCM              | ■         |        | ■            | ■      |
| VOB Non encrypted                | MPEG2             | Dolby Digital    | ■         |        | ■            |        |
| VOB Non encrypted                | MPEG2             | PCM              | ■         |        | ■            |        |
| VOB Non encrypted                | MPEG2             | MPEG2 Layer 1    | ■         |        | ■            |        |

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|-------------------------------------|---------------------------|--------------------------|-----------|--------|--------------|--------|
|                                     |                           |                          | Decode    | Encode | Decode       | Encode |
| <b>Mobile &amp; Web (cont'd)</b>    |                           |                          |           |        |              |        |
| DIVX                                |                           |                          | ■*        |        | ■*           |        |
| MP3                                 |                           | MP3                      | ■         | ■      | ■            | ■      |
| WAV                                 |                           | WAV                      | ■         | ■      | ■            | ■      |
| WMA                                 |                           | WMA                      | ■         | ■      | ■            | ■      |
| AIFF                                |                           | AIFF                     | ■         | ■      | ■            | ■      |
| <b>VOD, Ad Insertion &amp; NLEs</b> |                           |                          |           |        |              |        |
| MPEG2-TS .trp .mpg                  | H.264/AVC                 | AAC-LC                   | ■         | ■      | ■            | ■      |
| MPEG2-TS .trp .mpg                  | H.264/AVC                 | Dolby Digital, Dolby 5.1 | ■*        | ■      | ■*           | ■      |
| MPEG2-TS .trp .mpg                  | H.264/AVC                 | MPEG1 Layer 2            | ■         | ■      | ■            | ■      |
| MPEG2-TS .trp .mpg                  | MPEG2                     | Dolby Digital, Dolby 5.1 | ■*        | ■      | ■*           | ■      |
| SeaChange                           | MPEG2                     | MPEG1 Layer 2            | ■         | ■      | ■            | ■      |
| SeaChange                           | MPEG2                     | PCM                      | ■         | ■      | ■            | ■      |
| SeaChange                           | MPEG2                     | AES                      | ■         | ■      | ■            | ■      |
| QuickTime                           | DVCPRO HD                 | PCM                      | ■         |        | ■            | ■      |
| QuickTime                           | Avid DNxHD® codec         | PCM                      | ■         |        | ■            | ■      |
| <b>MXF</b>                          |                           |                          |           |        |              |        |
| MXF OP1a                            | DVCPRO25/50               | PCM                      | ■         |        | ■            | ■      |
| MXF OP1a                            | IMX 30/40/50              | PCM                      | ■         |        | ■            | ■      |
| MXF OP1a                            | XDCAM                     | PCM                      | ■         |        | ■            | ■      |
| MXF OP1a                            | XDCAM HD                  | PCM                      | ■         |        | ■            | ■      |
| MXF OPAtom                          | P2                        | PCM                      | ■         |        | ■            |        |
| MXF OPAtom                          | MPEG-2 for Ikegami GF     | AES                      | ■         |        | ■            |        |
| MXF OP1a                            | JPEG2000 for SAMMA v1 & 2 | PCM                      | ■         |        | ■            |        |

AAC audio is decoded using QuickTime decoder component

\*If third party codecs are installed on the FlipFactory server, other types of files may be decoded. For example, some AVI Codecs can be decoded in this way.

