

QC HIGHRES is the software used for quality checking of media files, QC Highres analyzes both metadata and video/audio data to provide deep checking against media files before broadcasting. QC Highres is easily integrated with Media Assets Management Systems to automate the media quality checking process.

Features

- Web based user interface.
- Support checking for Frame rate, Bit rate, Frame size, Aspect ratio, Duration, Resolution black frame, freeze frame, audio silence, inverse phase detection...
- Support reporting in html, xml, pdf, excel format
- Integrate media player for playing media
- Support scheduling for QC.
- Set priority in queue
- Support watch folder
- Notify completion via email
- Support moving file to play-out or other location

HDQCServices Jobs About Contact					
Jobs					
Queue (12) Recurring (2) Scheduled (1) Processing (5) Successed (55) Failed (0) Deleted (1) Archived					
ID	Description	Provider	State	Action	
f7a51a62-5faa-4efa-aceb-42e4761c6e04	IntergrationService.FetchJob()	IntergrationService	Enqueued	Details	Delete
e2fddba0-84fc-4c4b-8959-a0896125c8ea	QC file: C:\WatchFolder\test1.mp4	QcService	Enqueued	Details	Delete
f022b355-dfe9-437d-8e47-36e419aaf509	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
42ade49f-9ad5-43f5-8d64-b31e3f2924bc	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
f34102e6-ced9-4ea8-8c15-f874f3f38ffa	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
5b5b7afc-782d-48b7-8ef9-ab1d768d56ea	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
ab5f55c4-50c1-4005-8cee-2ab5bd22f0f2	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
0a17a989-5689-4e58-8d3b-2ea87be03b3c	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
453abb2f-5150-4147-af70-1046d03129b6	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
94085ccb-15bb-4802-8e62-0877019c55e1	Move file C:\WatchFolder\test1.mp4 to Error folder	FileTransferService	Enqueued	Details	Delete
d66c0c19-358d-4293-862f-3b4770d8eac2	QC file: C:\WatchFolder\test1.mp4	QcService	Enqueued	Details	Delete
24cf012f-3f4a-49e2-9abb-5286174a8481	Insert scenes	IntergrationService	Enqueued	Details	Delete

Specifications

Container Checks:

- MXF structure, DPP metadata, compare wrapper, number video/audio streams, PIDs, file, bitrate, SPS/PPS, video/audio duration, timecode start/continuity, AFD, MOV Atom (iTunes)

Video Checks:

- Codec/Profile, encoding syntax , Frame rate, Bit rate VBR/CBR, MBAFF
- Frame size, Buffer size, Frame/Pixel aspect ratio, Duration, GOP length, GOP structure, Resolution, Video format
- Drop frame, Freeze Frame, Black frames, Field order, Chroma format, Chroma level, Luminance Level, Black level, HDR MaxFALL/MaxCLL

Audio Checks:

- Audio codec, bit depth, sample rate, audio bitrate, number of channels
- Silence, Mute, Inverse Phase detection

Pre-configured Template Testing

- ATSC, SMPTE, DPP, NABA, CALM, iTunes, EBU R 128
- Netflix, Amazon Prime, UK & Japan PSE Flashing, ARD_ZDF_ HDF, DDV2, AS-10 DAP for France, AS-02, AS-03, AS-07, AS-10, AS-11, AS12, PBS

Support Format: SD/ HD video format

Support Containers:

- MXF, MPEG-2 Program, MPEG-2 Transport, ProRes in MXF (SMPTE RDD 44), DNxHD/DNxHR in MXF (SMPTE ST 2019-4:2009)
- GXF, LXF, DVB/ATSC, ASF, AVI, DVD VOB.
- 3GPP, MP4, MOV, QuickTime, QuickTime Reference Movies, MKV, MPEG DASH, AAF, FLASH, IMF

Support Video Codecs:

- MPEG-1, MPEG-2 (XDCAM, IMX, D10), IMX30/50, XDCAM, MPEG-4,
- D10, D11, DV/DVCPro(25/50/100), MJPEG , JPEG2000
- AVC/H.264, HEVC/H.265, WMV/ VC-1
- ProRes, ProRes 4444 XQ, DNxHR, DNxHD, DPX, OpenEXR
- RAW YUV / RGB, Huffman, Canopus, Meridien

Support Audio Codecs:

- MPEG1/2, BWF, AES3, PCM, WMA.
- MPEG 2.5, MP3, AAC, AAC Plus, AES3, LATM, ADPCM, LPCM, AIFF, WAV, DV Audio.



- AC-3, Dolby Digital Plus, Dolby-E, DTS Audio.

Support Closed Captions / Subtitles

- CEA-608/708, SMPTE 436M, Line 21, Teletext
- DVB subtitles, SMPTE ST 436 captions

Automated Correction Capability:

Video Correction:

- Corrects Luma/Chroma levels
- Corrects black level
- Corrects RGB Gamut
- Insertion / removal / change of length of color bars
- Insertion / removal / change of length of black sequences
- Corrects value of start timecode
- Corrects Dead Pixels

Audio Correction:

- Peak level correction
- Loudness correction based on LKFS/LUFS
- PPM Audio levels correction
- Audio sampling rate correction
- Audio bit depth correction

Maintenance & Support

We also offer the HD UltraSoft Maintenance and Support Program with the first year free.