



VideoQ VQV Variants

VQV-Classic, VQV-Premium and VQV-Pro (full version)



Function / Parameter	Classic	Premium	Pro
METERS / ANALYZERS			
'Color Picker' – Current pixel RGB / YUV / Light levels readout	✓	✓	✓
'FrameScope' – Frame Lines Profile Overlay (relevant RGB ranges as vertical waveforms)	✓	✓	✓
'VV-Bars' – RGB / YUV frame statistics summary indicators	✓	✓	✓
'VectorScope' – UV frame statistics, 75% & 100% Color Bars Target Boxes	✓	✓	✓
'WFM' – RGB/YUV Line Parade Waveform Monitor		✓	✓
Active Frame Size Meter and Letterbox / Pillarbox Indicator		✓	✓
'C-Bar' – Bitrate and frame type indicator		✓	✓
'ChromaScope' – CIE 1931 Chromaticity Diagram (Color Gamut Meter)			✓
SDR/HDR Metadata Validator – Brief report in pop-up box, machine-readable report as text export			✓
Histogram – RGB and Light Levels frame statistics			✓
'L-Bar' – Frame Light Levels statistics summary indicator			✓
Bitrate and GOP size segment statistics – summary text overlay			✓
RGB and Light Levels segment statistics – summary text overlay			✓
Noise Meter – Noise Histogram, Intra-frame Activity, Inter-frame Activity, SNR readout			✓
VIDEO IMAGE DISPLAY FILTERS			
Zoom (from 1:4 to 4:1) and Pan	✓	✓	✓
RGB, R, G, B, Y, UV Color Components – user-selectable color channels	✓	✓	✓
LSB Image, e.g., full contrast display of 2 LSBs image derived from 10-bit data		✓	✓
Gain (up to x16) and levels offset, applied to full frame or within the adjustable mask			✓
Temporal & Spatial Filters – Inter-frame (T-HPF) & Intra-frame (XY-HPF, XY-LPF) filters combinations			✓
FILE EXPORT			
Current Frame Screenshot – BMP with optional timestamp	✓	✓	✓
Converted Frame(s), e.g., numbered YUV HDR-HLG files from MP4 HDR-PQ source			✓
COLOR SPACES			
BT.601, BT.709, BT.2020/BT.2100, Narrow / Full YUV Range	✓	✓	✓
Graticule Modes and Units selection: %RGB, %LL, nit (cd/sq.m)	✓	✓	✓
Camera LOG & DPX LOG formats support		✓	✓
High Bit Depth RGB, YUV, XYZ, upto 16 bit per component		✓	✓
SDR, HDR-PQ, HDR10, HDR10+, HDR-HLG, LOG: metadata driven and manual EOTF selection			✓
REPORTS			
Media Info Report – Brief report in pop-up box, full machine-readable report as text export	✓	✓	✓
Saving analysis data to text file		✓	✓
Frame Statistics Report – Brief report in pop-up box, machine-readable report as text export			✓

Function / Parameter	Classic	Premium	Pro
INPUT FORMATS			
Video: All common formats supported by ffmpeg, e.g., MP4, MOV, AVI	✓	✓	✓
Static Images: All common formats supported by ffmpeg, e.g., JPG, BMP, TIF	✓	✓	✓
Frame Sizes from 192x108 to 1920x1080	✓	✓	✓
Frame Sizes from 192x108 to 4096x3112		✓	✓
Frame Sizes from 192x108 to 7680x4320 (8K)			✓
RAW Video Data Files: YUV, Y4M, RGB (8 bit ~ 16 bit per component)			✓
Numbered Video Frames: e.g., test0000.BMP, test0001.BMP, etc.			✓
TIMELINE NAVIGATION			
Stop, Play, Pause, Next Frame, Previous Frame, Timeline Slider, TimeCode Display	✓	✓	✓
A-B Loop mark-up and playout	✓	✓	✓
'Videola' – Variable forward/backward playout speed			✓
Timeline positions synchronization with VQMP reference player			✓