

R&S® DVM-K200

H.264 Analyzer and Options

Specifications

Supported functions and standards

H.264 analyzer (R&S® DVM-K200)

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|----------------------------------|---|--|
| H.264 video | ISO/IEC 14496-10 "Fidelity range extensions" amendment to ITU-T Rec. H.264 ISO/IEC 14496-10 | Baseline, Extended, and Main profiles and all levels within these profiles High, High 10, High 4:2:2, and High 4:4:4 profiles High 10 Intra, High 4:2:2 Intra, High 4:4:4 Intra, CAVLC 4:4:4 Intra profiles all tools such as CABAC, CAVLC, MBAFF, and PAFF |
| H.264 video buffer analysis | ISO/IEC 14496-10 (Annex C: Hypothetical reference decoder) | coded picture buffer |
| MPEG-4 video | ISO/IEC 14496-2 | simple profile (levels 1 to 3) and advanced simple profile (levels 0 to 5) |
| MPEG-4 video buffer analysis | ISO/IEC 14496-2 | VBV, VMV, VCV |
| MPEG-1/2 audio | ISO/IEC 11172-3 and 13818-3 | layers 1 and 2 |
| AAC audio | ISO/IEC 14496-3 subpart 1, 4 and amendment 1 | AAC and HE AAC v1 and v2 profiles AAC Main, AAC LC, and SBR audio object types |
| AMR audio | 3GPP TS 26.090, TS 26.073, TS 26.093, TS 26.092, TS 26.091, and TS 26.101 | |
| MPEG-2 transport | ISO/IEC 13818-1 and 13818-1:2000/final draft, amendment 3, ISO/IEC 13818-1 (MPEG-2 systems), ATSCa65b, DVB EN 300 468 V1.3.1 (1998-02) | |
| MPEG-2 transport buffer analysis | ISO/IEC 13818-1 | STD |
| MPEG-2 program stream/DVD VOB | ISO/IEC 13818-1 DVD specifications for read-only disc/ Part 3: Video specifications, version 1.0 | |
| MP4/AVC | ISO/IEC 14496-1 (MPEG-4 systems) | |
| | ISO/IEC 14496-12 (ISO base media file format) | |
| | ISO/IEC 14496-14 (MP4 file format) | |
| | ISO/IEC 14496-15 (AVC file format) | |
| 3GPP/3GPP2 | TS 26.244 V6.0.0 | |
| | C.S0050-0 V1.0 | |
| JPEG | CCITT Recommendation T.81 | |
| YUV Diff utility | | |



Dolby AC-3 audio (R&S®DVM-K201)

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| Dolby AC-3 audio | digital audio compression (AC-3), revision A | synchronization, error detection, decoupling, rematrixing, downmixing |
| | Annex C: AC-3 karaoke mode | |
| | Annex D: Extended/alternate bit stream syntax | |

System requirements

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| Use with R&S®DVM | R&S®DVM base unit | with memory extension to 2 Gbyte (R&S®DVM-B200) |
| Use with PC | CPU | 2 GHz |
| | RAM | 1 Gbyte |
| | operating system | Windows 2000 or Windows XP |
| | display resolution | min. 1024 × 768 pixel |

Equipment supplied

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| CD with software and manual | | |
| Printed installation manual | | |
| License file, provided electronically after installation (based on the license info file) | | If the software is ordered with a new R&S®DVM, it is installed on the R&S®DVM and no license file is needed. |

Ordering information

| Designation | Type | Order No. |
|--|---------------|--------------|
| H.264 Analyzer | R&S®DVM-K200 | 2112.7850.02 |
| Options | | |
| Dolby AC-3 Audio | R&S®DVM-K201 | 2112.7867.02 |
| Maintenance for 12 Months | R&S®DVM-K209 | 2112.7873.02 |
| Memory Extension to 2 Gbyte for the R&S®DVM | R&S®DVM -B200 | 2085.5592.02 |

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