

R&S® DVM-K200

H.264 Analyzer and Options

Specifications

Supported functions and standards

H.264 analyzer (R&S® DVM-K200)

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)

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

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

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

Rohde & Schwarz GmbH & Co. KG

Europe, Africa, Middle East +49 1805 12 42 42* or +49 89 4129 137 74
customersupport@rohde-schwarz.com
North America 1-888-TEST-RSA (1-888-837-8772)
customer.support@rsa.rohde-schwarz.com
Latin America +1-410-910-7988
customersupport.la@rohde-schwarz.com
Asia/Pacific +65 65 13 04 88
customersupport.asia@rohde-schwarz.com
www.rohde-schwarz.com

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