

ISO/IEC 14496-13:2004-09 (E)

Information technology - Coding of audio-visual objects - Part 13: Intellectual Property Management and Protection (IPMP) extensions

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative References	1
3	Terms and Definitions	2
4	Overview of IPMP Extensions (Informative)	3
4.1	IPMP Architecture	3
5	Normative Elements	8
5.1	Extended MPEG-4 Architecture	8
5.2	Extension tags for the IPMP_Data_BaseClass message	8
5.3	Mutual Authentication	9
5.4	IPMP Tool connection and disconnection	17
5.5	IPMP Tool notification	23
5.6	IPMP Processing	25
5.7	User Interaction Messages	28
5.8	IPMP Information Delivery Functions	31
	Annex A (normative) Selective Decryption Configuration Data	35
A.1	Introduction	35
A.2	IPMP_SelectiveDecryptionInit	35
A.3	An example of a selective decryption configuration data (Informative)	38
	Annex B (normative) Audio Watermarking Configuration and Notification	41
B.1	Introduction	41
B.2	B.2 IPMP_AudioWatermarkingInit	41
B.3	IPMP_SendAudioWatermark	43
	Annex C (normative) Video Watermarking Configuration and Notification Data	45
C.1	Introduction	45
C.2	IPMP_VideoWatermarkingInit	45
C.3	IPMP_SendVideoWatermark	47
	Annex D (normative) Tool/Content Transfer Messages Among Distributed IPMP Devices	49
D.1	Introduction	49
D.2	Addressing of distributed devices	49
D.3	IPMP_DeviceMessageBase	49
D.4	Device to Device IPMP Message	50
D.5	Content Transfer Messages	51
D.6	Tool Transfer Messages	52
D.7	Device ID messages	53

Annex E (normative) Schema for Terminal Platform	54
Annex F (normative) Registration Procedure	57
F.1 Registered Data	57
F.2 Procedure for the request of Registered Data	57
F.3 Responsibilities of the Registration Authority	57
F.4 Contact information for the Registration Authority	58
F.5 Responsibilities of Parties Requesting Registered Data	58
F.6 Appeal Procedure for Denied Applications	58
F.7 Registration Application Form	59
Annex G (informative) Patent statements	62