ISO/IEC 29341-5-12:2008-11 (E)

Information technology_- UPnP Device Architecture_- Part_5-12: Digital Security Camera Device Control Protocol_- Digital Security Camera Still Image Service

CONTENTS

FOREWORD 4

ORIGINAL UPNP DOCUMENTS (informative) 6

1. Overview and Scope 8

2. Service Modeling Definitions 9

2.1. ServiceType 9

2.2. State Variables 9

2.2.1. AvailableEncodings 9
2.2.2. DefaultEncoding 9
2.2.3. AvailableCompressionLevels 9
2.2.4. DefaultCompressionLevel 10
2.2.5. AvailableResolutions 10
2.2.6. DefaultResolutions 10
2.2.7. ImageURL 10
2.2.8. ImagePresentationURL 10

2.3. Eventing and Moderation 11

2.4. Actions 12

2.4.1. GetAvailableEncodings 12
2.4.2. SetDefaultEncoding 12
2.4.3. GetDefaultEncoding 13
2.4.4. GetAvailableCompressionLevels 13
2.4.5. SetDefaultCompressionLevel 13
2.4.6. GetDefaultCompressionLevel 13
2.4.7. GetAvailableResolutions 14
2.4.8. SetDefaultResolution 14
2.4.9. GetDefaultResolution 14
2.4.10. GetImageURL 15
2.4.11. GetDefaultImageURL 15
2.4.12. GetImagePresentationURL 15
2.4.13. GetDefaultImagePresentationURL 16
2.4.14. Non-Standard Actions Implemented by a UPnP Vendor 16
2.4.15. Common Error Codes 16

2.5. Theory of Operation 17

***3.* XML Service Description** 18

4. Test 22

LIST OF TABLES

Table 1: State Variables 9
Table 2: Event Moderation 11
Table 3: Actions 12
Table 4: Arguments for *GetAvailableEncodings* 12
Table 5: Arguments for *SetDefaultEncoding* 12
Table 6: Arguments for *GetDefaultEncoding* 13
Table 7: Arguments for *GetAvailableCompressionLevels* 13
Table 8: Arguments for *SetDefaultCompressionLevel* 13
Table 9: Arguments for *GetDefaultCompressionLevel* 14
Table 10: Arguments for *GetAvailableResolutions* 14
Table 11: Arguments for *SetDefaultResolution* 14
Table 12: Arguments for *GetDefaultResolution* 14
Table 13: Arguments for *GetImageURL* 15
Table 14: Arguments for *GetDefaultImageURL* 15
Table 15: Arguments for *GetImagePresentationURL* 16
Table 16: Arguments for *GetDefaultImagePresentationURL* 16
Table 17: Common Error Codes 17