

ISO/IEC 18477-2:2016-07 (E)

Information technology - Scalable compression and coding of continuous-tone still images - Part 2: Coding of high dynamic range images

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms and symbols	4
4.1	Abbreviated terms	4
4.2	Symbols	4
5	Conventions	4
5.1	Conformance language	4
5.2	Operators	4
5.2.1	Arithmetic operators	5
5.2.2	Logical operators	5
5.2.3	Relational operators	5
5.2.4	Precedence order of operators	5
5.2.5	Mathematical functions	6
6	General	6
6.1	Elements specified	6
6.2	High level overview of this document	6
6.3	High level functional overview of decoding process	7
6.4	Encoder requirements	8
6.5	Decoder requirements	8
7	Decoder definition	8
7.1	Decoder functionality overview	8
7.2	Legacy Inverse Decorrelation Block B3	9
7.3	Base Mapping and Colour space conversion Block B4	10
7.4	Residual decode Blocks B5, B6	11
7.5	Residual Mapping and Inverse Decorrelation Blocks B7, B8	12
7.6	HDR Reconstruction Blocks B9, B10	13
8	Code stream syntax for Main Profile	13
8.1	Main Profile Header Structure	13
8.2	Parameter ASCII segment	14
8.3	Parameter binary segment	16
8.4	Residual code stream segment	16
Annex A (normative) Checksum computation		17
Bibliography		18