# ISO/IEC 6048-2:2026-06 (E)

## Information technology - JPEG AI learning-based image coding system - Part 2: Profiling

## Contents

Page


1 Scope ..... 1
2 Normative references ..... 1
2.1 Identical Recommendations | International Standards ..... 1
2.2 Paired Recommendations | International Standards equivalent in technical content ..... 1
2.3 Additional references ..... 1
3 Definitions ..... 1
4 Abbreviations ..... 1
5 Conventions ..... 2
5.1 General ..... 2
5.2 Arithmetic operators ..... 2
6 JPEG AI stream profiles, decoder profiles and levels ..... 2
6.1 Main concepts and definitions ..... 2
6.2 Profile and levels overview ..... 4
7 Profiles and levels ..... 4
7.1 General ..... 4
7.2 JPEG AI profiles ..... 4
7.3 Syntax information ..... 6
7.4 Informative notes on tiles configuration ..... 7
7.5 Definition of levels ..... 8


### List of Tables


Table 1 – JPEG AI stream@decoder profile combinations and their specification ..... 5
Table 2 – JPEG AI syntax values to specify the stream and decoder profiles ..... 6
Table 3 – General levels ..... 8


### List of Figures


Figure 6-1 – JPEG AI encoder and decoder framework. ..... 3