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**High dynamic range (HDR) video technology - Part 2:
Application guide**

高动态范围（HDR）视频技术 第2部分：应用指南

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work

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This document is Part 2 of GB/T 46269, "High Dynamic Range (HDR) Video Technology". GB/T 46269 has the following publication details. part.

- Part 1: Metadata and Adaptation;
- Part 2: Application Guidelines.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

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Introduction

High dynamic range (HDR) display adaptation is a key technology for ultra-high definition video, requiring stable display across devices with different display capabilities.

Effects. GB/T 46269 aims to standardize adaptive display adaptation technology for HDR video signals on terminals with different display capabilities, and is proposed to consist of two... Partial composition.

- Part 1: Metadata and Adaptation. The purpose is to define the end-to-end system framework, metadata definitions, and terminal requirements for HDR video technology. Show the adaptation process.

- Part 2: Application Guide. This section aims to help users build products and systems that support the HDR video technologies described in Part 1.

The system enables interoperability.

High Dynamic Range (HDR) video technology Part 2: Application Guide

1 Scope

This document provides application guidelines for supporting HDR metadata and adaptation as specified in GB/T 46269.1.

This document applies to high dynamic range video applications such as broadcast television, online audiovisual media, video surveillance, real-time communication, and digital storage media.

Processing of frequency signals, including acquisition, production, broadcasting, distribution, reception, and display.

2 Normative references

GB/T 17975.1

GB/T 46269.1

IEC 14496

IEC 23009

3 Terms and Definitions

The terms and definitions defined in GB/T 46269.1 apply to this document.

4 Abbreviations

The following abbreviations apply to this document.

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