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Title: AHG9: Proposed Shutter Interval SEI message extension to rolling shutter for version 5 of VSEI

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Purpose: Proposal

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Source: Qualcomm, ByteDance

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Abstract

This contribution proposes adding an extension of the Shutter Interval Information (SII) SEI message to support rolling shutter cameras into the working draft of version 5 of VSEI. The extended SI SEI message is meant to be available for HEVC and VVC.

Software implementing the extended SII SEI message is available and will be provided for integration with the VTM if this message is adopted into a VSEIv5 draft.

Introduction

The rolling shutter extension of the SII message is currently in the TuC. This document proposes to include the rolling shutter extension of the SII SEI message into the VSEI version 5 draft along with a SW implementation for VTM.

Rolling shutter extension

Built from JVET-AP0073-v2.docx

CARD

<http://vexpertise.stbit.ru/documents/JVET-AP0073>



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