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**Test method of optical performance for multi-view splicing
imaging device**

多目拼接全景成像设备光学性能测试方法

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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Optical performance testing method for multi-view stitching panoramic imaging equipment

1 Scope

This document describes the test equipment and test conditions for the optical performance of multi-eye stitching panoramic imaging equipment (hereinafter referred to as panoramic imaging equipment) and testing methods:

This document is suitable for testing the optical performance of multi-eye stitching panoramic imaging equipment:

2 Normative reference documents

GB/T 18721

ISO 12233

IEC 61966

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 view An image acquisition unit consisting of a lens and an image sensor: 3:2 multi-viewsplicing multi-viewsplicing A large scene is covered by the fields of view of two or more objects, and the joints between the objects are processed through image stitching technology, so that fused into a picture with a larger field of view: 3:3 synchronicity deltat The time difference between collecting

images between different eyes of multi-eye stitching panoramic imaging equipment:

Note: The unit is milliseconds (ms): 3:4 delaytime ΔT The time consumed in the imaging process of panoramic imaging equipment:

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