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**INDUSTRY STANDARD OF THE
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**Video analysis instrument - Part 4: Technical requirements for
face analysis**

防尾随联动互锁安全门通用技术条件
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Video image analyzer Part 4: Technical Requirements for Face Analysis

1 Scope

This part of GA/T 1154 specifies the technical requirements, test methods and inspection rules for face analysis of video image analyzers.

This section applies to the development, production and inspection of video image analyzers with video image face analysis functions.

2 Normative references the following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 31488-2015 Security and protection video surveillance face recognition system technical requirements GA/T 922.2-2011 Security Face Recognition Application System Part 2: Face Image Data GA/T 1154.1-2014 Video Image Analyzer Part 1: General Technical Requirements GA/T 1154.3-2017 Video image analyzer Part 3: Video image retrieval technical requirements GA/T 1325-2017 Video image collection specification for security and face recognition applications GA/T 1326-2017 Security Protection Face Recognition Application Program Interface Specification GA/T 1344-2016 Technical requirements for face image extraction from video of security face recognition applications GA/T 1400.3-2017 Public Security Video Image Information Application System Part 3: Database Technical Requirements GA/T 1400.4-2017 Public Security Video Image Information Application System Part 4: Interface Protocol Requirements

3 Terms, definitions and abbreviations

3.1 Terms and definitions GB/T 31488-2015, GA/T 1344-2016, GA/T 1154.1-2014 and the following terms and definitions apply to this document.

3.1.1

Face detection

The process of finding a human face from a given dynamic video or static image and determining its position and size.

3.1.2

Faceenrolment

The process of extracting and storing the characteristics of the input face image, and assigning its identity.

3.1.3

Faceattributeanalysis the attribute information and the additional feature information of the sample face extracted from the face image sample.

Note 1: Attribute information, such as. age, gender, etc.