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GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 1756-2020

**Technical requirements for person image/face recognition
applications in video surveillance for public security**

公安视频监控人像人脸识别应用技术要求

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

1 Scope

This standard specifies the general requirements, acquisition requirements, detection requirements, feature extraction and analysis of public security video surveillance portrait/face recognition applications Requirements, application requirements and test methods.

This standard applies to the program design, product development, equipment selection, engineering implementation and inspection of public security video surveillance portrait/face recognition applications acceptance.

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 reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 28181 Technical Requirements for Information Transmission, Exchange and Control of Public Security Video Surveillance Networking System GB/T 31488-2015 Security and protection video surveillance face recognition system technical requirements GB 37300-2018 Video image information collection specification for key public safety areas GB 50198-2011 Civil closed-circuit surveillance television system engineering technical specifications GA/T 893-2010 Application terminology of security biometric identification GA/T 1127-2013 General technical requirements for security video surveillance cameras GA/T 1154.4-2018 Video Image Analyzer Part 4: Technical Requirements for Face Analysis GA/T 1325-2017 Video image collection specification for security and face recognition applications GA/T 1344-2016 Technical requirements for face image extraction from video of security face recognition applications GA/T 1399.1-2017 Public Security Video Image Analysis System Part 1: General Technical Requirements GA/T 1399.2-2017 Public Security Video Image Analysis System Part 2: Video Image Content Analysis and Description Technical Requirements GA/T 1400.1-2017 Public Security Video Image Information Application System Part 1: General Technical Requirements 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 and definitions

GA/T 893-2010, GA/T 1399.1-2017, GA/T 1399.2-2017, GA/T 1400.1-2017 and the following the listed terms and definitions apply to this document.

Portrait personimage the visual presentation of the whole person or at least the head and shoulders in the video image.

Face

The part below the top of the head, above the bottom line of the jaw, and between the left ear and the right ear.