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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA/T 751-2024

Replacing GA/T 751-2008

Specifications for video and image screen display information superposition for public security

公安视频图像屏幕显示信息叠加规范

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GA/T 751-2008 "Specification for Text Annotation of Video Images". Compared with GA/T 751-2008, except for structural adjustments and in addition to editorial changes, the main technical changes are as follows.

--- Changed the scope of the standard (see Chapter 1, Chapter 1 of the 2008 edition);

--- Deleted the terms and definitions of "text", "video conference" and "image" (see Chapter 3, Chapter 3 of the 2008 edition);

--- Changed the name of "marked content" (see Chapter 4, Chapter 5 of the 2008 edition);

--- Added the "Content Classification" section (see 4.1);

--- Changed the name and content of "Location Information", added "Region Name", "Location Name", "Subdivided Location Name", "Camera Field of View" "Internal point of interest" "Camera channel number" content (see 4.2, 5.1.1 of the 2008 edition);

--- Changed the name and content of "Jurisdiction Information" (see 4.3, 5.1.2 of the 2008 edition);

--- Changed the name and content of "Camera Information" (see 4.4, 5.1.4 of the 2008 edition);

--- Changed the content of "Time Information" (see 4.5, 5.1.3 of the 2008 edition);

--- Changed the name of "marking method" (see Chapter 5, Chapter 6 of the 2008 edition);

--- Changed the name and content of "marked area" (see 5.1, 6.1 of the 2008 edition);

--- Changed the name and content of "marked characters" (see 5.2, Chapter 4 of the 2008 edition);

--- Changed the name and content of "Location Information Marking Method" (see 5.3, 6.2.1 of the 2008 edition);

--- Changed the name and content of "Jurisdiction Information Labeling Method" (see 5.4,

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6.2.2 of the 2008 edition);

--- Changed the name and content of "Camera information marking method" (see 5.5, 6.2.4 of the 2008 edition);

--- Changed the name and content of "Time information marking method" (see 5.6, 6.2.3 of the 2008 edition);

--- Deleted "Figure 2 Step-by-step labeling method for upload process information" (see 6.2.2 of the 2008 edition).

1 Scope

This document specifies the content and format requirements for the information overlay on the video image screen display in the public security video image information system.

This document is applicable to the overlay of video image screen display information in the public security video image information system, and other systems may refer to it for implementation.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB 18030 Information Technology Chinese Coded Character Set GA/T 380 Rules for the compilation of national public security agency organization codes

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4.1 Content Classification

The overlay content includes video image point name information, camera management unit name information, camera attribute information and time information.

4.2 Video image point name information

4.2.1

The video image point name information includes the area name, location name, subdivided location name, points of interest in the camera field of view, etc.

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The content specifically includes the following.

a) Area name (AAA), such as highway, city road, railway, community, square, border, mountain, river, lake, sea, etc.

name;

b) Location name (BBB), such as the name of the bridge or tunnel, entrance or exit, checkpoint, commercial area, street address, etc.;

c) Subdivision location name (CCC), which is the subdivision location of the location name;

d) Points of interest within the camera's field of view (DDD);

e) The camera channel number (N) of the same subdivision location. If there is only one camera channel, it does not need to be listed.

4.2.2

For the naming of video image points, please refer to Appendix A.

4.3 Camera management unit name information

The name information of the camera management unit includes the name information of the province, city, county, and team, which should comply with the public security agency organization code in GA/T 380.

Should name requested.

4.4 Camera attribute information

Camera attribute information includes the following.

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