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GA

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

GA/T 947.2-2015

Replacing GA/T 947-2011

**Video/audio recording systems for the individual enforcing
policeman. Part 2: Portable recording equipment for law
enforcement**

单警执法视音频记录系统 第2部分：执法记录仪
(English Translation)

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Table of Contents

Preface
1 Scope
2 Normative reference document
3 Terms and definitions
4 Grade and product code
5 General
Technical requirements
7 Test Method
8 Inspection rules
9 Mark, packaging, transportation, storage
Reference

Foreword

GA/T 947 "single police law as audio and video recording system" is divided into four parts.

- Part 1. Basic requirements;
- Part 2. Law enforcement recorder;
- Part 3. Management platform;
- Part 4. Data interface.

This section is part 2 of GA/T 947.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section replaces GA/T 947-2011 "single police law and video recorder", compared with GA/T 947-2011 main technical changes as follows.

- the terms "PC", "upload", "download/receive" (see Chapter 3 of 2011);
- "Classification and coding" to "rating and product coding", and adjust the content (see 4, 2011 edition of Chapter 4);
- modified "quality" (see 6.1.5, 2011 edition 5.1.5);
- modified "enclosure protection" (see 6.1.1, 2011 edition 5.1.6);
- "interface" is modified to "data interface" (see 6.1.1, 2011 edition 5.1.7);

- Added "driver" (see 6.1.8);
- Added "viewfinder preview" (see 6.2.1);
- Added "storage" (see 6.2.5);
- modified "character overlay" (see 6.2.8, 2011 edition 5.2.6);
- the "time correction function" was deleted (see chapter 5.2.8);
- delete the "host computer system management software features" (see the 2011 edition 5.2.12);
- modified "night vision function" (see 6.2.3, 2011 edition 5.2.13);
- Added "parameter setting" (see 6.2.16);
- "audio and video pre-recorded, extension of the function" to "audio and video pre-recorded" and adjusted to the basic requirements (see 6.2.1, 2011 edition 5.3.5);
- Added "key document mark" (see 6.2.20);
- Added "one-click switch" (see 6.2.21);
- Removed the "touch screen operation" function (see Edition 5.3.2 of 2011);
- modify the "Global Positioning System" to "satellite positioning" and modify the content (see 6.3.7, 2011 edition 5.3.9);
- Remove the "external battery box" (see 2011 edition 5.3.12);
- modified the "field of view" (see 6.4.4, 2011 5.4.4);
- Increased "geometric distortion" (see 6.4.5);
- "video" to "video performance" (see 6.4.2, 2011 5.4.5);
- Change the "Picture Pixels" to "Photo Resolution" and modify the content (see 6.4.7, 2011 5.4.7);
- Added "storage format" (see 6.4.9);
- modified the "maximum recording interval" (see 6.4.1, 2011, 5.4.8);
- modified "power requirements" (see 6.4.1, 2011, 5.4.9);
- modified "storage media capacity" (see 6.4.1, 2011, 5.4.10);
- Added "timing error" (see 6.4.17);
- modified the "night vision function test" (see 7.3.3, 2011, 6.3.13);
- Added and modified corresponding test methods (see 7.3.16, 7.3.17, 7.3.18, 7.3.19, 7.5.5, 7.5.7, 7.5.9, 7.5.11, 7.5.12).

1 Scope

This part of GA/T 947 specifies the terms and definitions of the law enforcement recorder, classification and product coding, technical requirements, test methods, inspection Rules, signs, packaging, transportation and storage.

This section applies to the design, manufacture and inspection of law enforcement recorders. Other video and audio recorder can also refer to the use.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 191 packaging and storage icon GB/T 2423.1-2008 Environmental testing for electric and electronic products - Part 2. Test methods - Test A. Low temperature GB/T 2423.2-2008 Environmental testing for electric and electronic products - Part 2. Test methods - Test B. High temperature GB/T 2423.3 Environmental testing for electric and electronic products - Part 2. Test methods - Test Cab. constant damp heat test GB/T 2423.5 Environmental testing for electric and electronic products - Part 2. Test methods - Test Ea and Guidance. Impact GB/T 2423.8 Environmental testing for electric and electronic products - Part 2. Test methods - Test Ed. Free fall GB/T 2423.10 Environmental testing for electric and electronic products - Part 2. Test methods - Test Fc. Vibration (sinusoidal) GB/T 2423.17 Environmental testing for electric and electronic products - Part 2. Test methods Test Ka. Salt mist GB/T 2423.22 Environmental testing for electric and electronic products - Part 2. Test methods - Test N. Temperature change GB/T 2828.1 Sampling inspection procedures Part 1. Batch inspection sampling plan for retrieval by quality limit (AQL) GB/T 2829 Periodic inspection count Sampling procedures and tables (for inspection of process stability) GB 4208-2008 enclosure protection class (IP code) General specification for microcomputers GB/T 9813-2000 General rules for the use of industrial products GB/T 9969 Reliability test of electronic measuring instruments GB/T Safety precautions - Safety equipment - Safety requirements and test methods GB/T Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test GB/T 17626.2-2006 GB/T 17626.3-2006 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic radiation immunity test General specification for lithium - ion batteries and battery packs for mobile telephones GB/T 18287-2013 Video security monitoring - Digital video recording equipment GB/T Technical requirements for digital video and audio codecs for safety precautions monitoring GB/T GA 244 People 's Police Police Emblem Technical Standard Audiovisual and audiovisual recording systems - Part 1. Basic requirements ISO/IEC . 947.1-2015 Control system of audio - visual recordings - Part 4. Data interface

3 Terms and definitions

GB/T 20815-2006, GA/T 947.1-2015 and the following terms and definitions apply to this document. In order to facilitate