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CCS M73



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

GB/T 15412-2017

Replacing GB/T 15412-1994

**General specification of pan/tilt head for non-broadcast TV
camera**

应用电视摄像机云台通用规范

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 15412-1994 "General requirements for the application of PTZ camera head." And GB/T 15412-1994 phase Than, in addition to editorial changes outside the main technical changes are as follows:

- Modify the scope (see Chapter 1,.1994 edition Chapter 1);
- Modify the normative references (see Chapter 2, Chapter 2 of the.1994 edition);
- Modify the product classification (see Chapter 3,.1994 version 3.1);
- Increased appearance requirements (see 4.1,.1994 version 4.5);
- Modify the interface requirements (see 4.2,.1994 version 3.5);
- Modify the functional requirements (see 4.3,.1994 version 4.3);
- Modify the performance requirements (see 4.4,.1994 version 4.2);
- Modify the safety requirements (see 4.5,.1994 version 4.4);
- Increased electromagnetic compatibility requirements (see 4.6) and test methods (see 5.7);
- Modify the environmental adaptability requirements (see 4.7,.1994 version 4.1);
- Revised shell protection requirements (see 4.8,.1994 edition 4.1.1.3);
- Increased stability requirements (see 4.9) and test methods (see 5.10);
- Revised reliability requirements (see 4.10,.1994 version 4.2.7);

1 Scope

GB/T 15412-2017 is the Chinese national standard on general specification of pan/tilt head for non-broadcast tv camera, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up -

which in practice is how most foreign buyers meet it. It was issued on 1 November 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2018. Classification: ICS 01.040.33, CCS M73. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the technical requirements, test methods, inspection rules, signs, packaging, Transport and storage. This standard applies to use with the application of the TV camera with the PTZ, does not apply to the dome camera PTZ.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs

GB/T 2828.1 Sampling procedures for sampling inspection - Part 1. Batch inspection sampling plan retrieved by acceptance quality limit (AQL)

GB/T 2829 cycle test count sampling procedures and tables (for the stability of the test process)

GB/T 4208-2008 enclosure protection (IP code)

GB/T 6882 Acoustics sound pressure method for the determination of noise source sound power level anechoic chamber and semi-anechoic chamber precision method

GB 8898-2011 Audio, video and similar electronic equipment safety requirements

GB/T 9254 Information technology equipment radio disturbance limits and measurement methods

GB/T 9969 Industrial Products Manual General General purpose application - Test method for reliability of television equipment

GB/T 12322-1990 Requirements and test methods for environmental adaptability of safety precautions alarm equipment GB/T 15211-2013

GB/T 17626.2 Electromagnetic compatibility test and measurement techniques Electrostatic discharge immunity test

GB/T 17626.3 Electromagnetic compatibility testing and measurement techniques RF electromagnetic field immunity test

GB/T 17626.4 Electromagnetic compatibility test and measurement techniques fast transient burst immunity test

GB/T 17626.5 electromagnetic compatibility test and measurement techniques surge (impact) immunity test

3 Product categories

3.1 PTZ according to their load weight is divided into light load Haeundae, medium Haeundae, Haeundae Haeundae, see Table 1. Table 1 by PTZ load weight classification PTZ classification requirements Light load PTZ maximum load. < 10kg Medium-sized load Haeundae maximum load $\geq 10\text{kg} \sim < 30\text{kg}$ Heavy load PTZ maximum load. $\geq 30\text{kg}$

3.2 PTZ According to the use of the environment is divided into indoor and outdoor use Haeundae.