Chinastandards.org

ICS 13.310
CCS A 91

GA

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA/T 645-2014

Replacing GA/T 645-2006

Speed dome for security surveillance

安全防范监控变速球型摄像机

(English Translation)

Issued on: September 9, 2014 **Implemented on: December 1, 2014**

Issued by: Ministry of Public Security

Preview: page 1 of 4 shown, 28 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-t-645-2014

Chinastandards.org

Table of Contents

Preface
1 Scope
2 Normative reference document
3 Terms, definitions and abbreviations

Foreword

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

This standard replaces GA/T 645-2006 "video security monitoring system variable speed dome camera", compared with GA/T 645-2006, the main changes are as follows.

--- modified the standard name;

- modified scope (see Chapter 1, Chapter 1 of the 2006 edition);

- modified normative reference documents (see Chapter 2, Chapter 2 of the 2006 edition);

- modified the term "variable speed dome camera", "ball machine positioning accuracy", "area cover" (see Chapter 3, Chapter 3 of the 2006 edition);

- The term "variable speed pan/tilt", "hemispherical hood", "upper cover", "screen character display (OSD)" is removed (see Chapter 3 of the 2006 edition)

--- Added the term "target tracking" "Preset call speed" (see Chapter 3);

--- Added abbreviations;

- delete the composition (see version 4.1 of 2006);

--- modified the classification (see 4.1, 2006 4.2);

--- modified the logo (see 4.2, 2006 edition 7.1.2);

- modified hemispherical hood requirements (see 5.3.1, 2006, 5.2);

--- modified the ball machine speed indicators and grades (see 5.1.1, 2006 edition 5.3.1);

--- modified the video output requirements (see 5.3, 2006 5.4);

- modified power adaptation (see 5.4, 2006 5.5);

--- modified functional requirements (see 5.5, 2006 5.6);

--- modified the ball machine function classification (see Table 2, 2006 Table 5);

Preview: page 2 of 4 shown, 28 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-t-645-2014

- modified electromagnetic compatibility (see 5.6, 2006, version 5.7);

- modified environmental adaptability (see 5.7, 2006 edition 5.8);

- increased security requirements (see 5.8);

- modified the test method (see Chapter 6, 2006, Chapter 6);

--- Added inspection rules (see Chapter 7);

--- modified signs, packaging, transportation, storage (see Chapter 8, 2006 edition of Chapter 7).

1 Scope

This standard specifies the classification and identification of variable speed dome cameras in video surveillance systems, technical requirements, test methods, inspection Rules and signs, packaging, transportation, storage and other technical requirements.

This standard is applicable to variable speed dome cameras in video surveillance systems.

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 2423.1 Environmental testing for electric and electronic products - Part 2. Test methods - Test A. Low temperature GB/T 2423.2 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 2423.10 Environmental testing for electric and electronic products - Part 2. Test methods - Test Fc. Vibration (sinusoidal) GB/T 2423.18 Environmental tests - Part 2. Test methods Test Kb. Salt mist, alternating (sodium chloride solution) GB/T 2423.21 Environmental testing for electric and electronic products - Part 2. Test methods - Test M. Low pressure GB/T 2423.24-2013 Environmental tests - Part 2. Test methods - Test Sa. Simulated solar radiation on the ground and its test Guidance GB/T 2828.1-2012 Count Sampling Inspection Procedures Part 1. Batch Inspection Sampling by Reception Quality Limit (AQL) plan GB/T 2829-2002 Periodic inspection count Sampling procedures and tables (for inspection of process stability) GB 4208-2008 enclosure protection class (IP code) Information technology equipment - Radio disturbance limits and methods of measurement GB 9254-2008 Test method for reliability of general purpose television equipment GB/T 12322-1990 Safety and safety equipment - Environmental suitability requirements and test methods GB/T 15211-2013 Safety precautions - Safety equipment - Safety requirements

Preview: page 3 of 4 shown, 28 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-t-645-2014

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 GB/T 17626.4-2008 Electromagnetic compatibility test and measurement techniques Electrical fast transient burst immunity test GB/T 17626.5-2008 Electromagnetic compatibility test and measurement technology Surge (impact) immunity test GB/T 17626.6-2008 Electromagnetic compatibility test and measurement techniques Radio frequency field sensing conducted disturbance immunity Technical requirements for digital video and audio codecs for safety precautions monitoring GB/T GB/T 28181-2011 security monitoring video monitoring network system information transmission, exchange, control technical requirements Specification for Text Image Text Marking General technical requirements for video surveillance cameras for safety precautions SJ/T 11329-2006 Digital TV Receiving Device Interface Specification Part 3. Composite Video Signal Interface

Preview: page 4 of 4 shown, 28 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ga-t-645-2014