

ICS 13.310
CCS A 91

GA

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

GA/T 1127-2013

**General technical requirements for cameras used in security
video surveillance**

安全防范视频监控摄像机通用技术要求

(English Translation)

Issued on: December 20, 2013

Implemented on: January 1, 2014

Issued by: Ministry of Public Security

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References

Foreword

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

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard by the National Security Alarm System Standardization Technical Committee (SAC/TC100) and focal points.

This standard was drafted. the Ministry of Public Security and Police Electronic Products Quality Inspection Center, Ministry of Public Security First Research Institute of Beijing in the security shield technology Art Development Corporation, the Ministry of Public Security Alarm System Product Quality Supervision and Inspection Center, Hangzhou Hikvision Digital Technology Co., Ltd., Albert Tianjin World Digital Technology Co., Ltd., Shenzhen Jingyang Digital Technology Co., Ltd., Tianjin Yaan Technology Electronics Co., PIXIM company, Shandong God Rong Electronics Co., BOCOM Intelligent Network Technology Co., Ltd., Shanghai Science and Technology Co., Ltd. of the situation, Shenzhen Zhongxing Liwei Technology Co., Ltd., Guangzhou, Bell Electrical Technology Co., Ltd., Zhejiang Dahua Technology Co., Ltd., Sony (in States) Ltd., Panasonic System Networks Co. (Suzhou) Co., Ltd., Shenzhen Wave-particle Technology Co., Ltd. Shenzhen-Hong Tianshun Electronics Co., the company.

1 Scope

This standard specifies the security video surveillance camera classification and labeling, technical requirements, test methods, inspection rules, marking, packaging, Transportation and storage and other technical requirements.

This standard applies to the use of security camera video surveillance system, cameras can refer to other areas of application use.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Cold GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. Dry heat GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat method GB/T 2423.5 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidance. Shock GB/T 2423.10 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) GB/T 2423.18 Environmental testing Part 2. Test methods - Test Kb. Salt mist, cyclic (sodium chloride solution) GB/T 2423.21 Environmental testing for electric and electronic products Part 2. Test methods - Test M. Low air pressure GB/T 2828.1-2012 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample plan GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test) GB 4208-2008 shell protection (IP code) Limits and methods of measurement of radio disturbance of information technology equipment GB 9254-2008 GB/T 9969-2008 General Industrial Product Manual GB 16796-2009 security alarm equipment safety requirements and test methods for prevention GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test GB/T 17626.3-2006 Electromagnetic compatibility - Testing and measurement techniques RFEMS test GB/T 17626.4-2008 Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient burst immunity test GB/T 17626.5-2008 Electromagnetic compatibility - Testing and measurement techniques - Surge (impact) immunity test GB/T 17626.6-2008 Electromagnetic compatibility - Testing and measurement techniques Immunity to conducted disturbances induced field GB 20815-2006 video monitoring digital video equipment GB/T 25724-2010 security surveillance digital video and audio codec technology requirements GB/T 28181-2011 security video monitoring system information transmission network, switching, control technology requirements GA/T 669.1-2008 urban network alarm monitoring system of technical standards - Part 1. General technical requirements GA/T 751-2008 video text annotation specification GA/T 1128-2013 high-definition video surveillance security cameras Measurement