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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA/T 669.1-2008

Replacing GA/T 669-2006

Technical standard of city area monitoring and alarming network system--Part 1: General specifiction

(English Translation)

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Foreword

Please note that the basic content of this section may involve patents, this part of the release mechanism should not bear the responsibility to identify these patents.

GA/T 669 "urban network alarm monitoring system technology standard" is divided into 11 parts.

--- Part 1. Common technical requirements;

--- Part 2. Safety requirements;

--- Part 3. Front technical information collection requirements;

--- Part 4. video and audio encoding and decoding technology requirements;

--- Part 5. information transmission, switching, control technology requirements;

--- Part 6. video and audio display, storage, broadcast technical requirements;

--- Part 7. management platform technology requirements;

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--- Part 8. transmission platform technology requirements;

--- Part 9. bayonet information recognition, matching, monitoring system technical requirements;

--- Part 10. Wireless video and audio monitoring system technical requirements;

--- Part 11. General requirements for critical equipment.

This is Part 1 GA/T 669's.

Since the implementation of this section instead of GA/T 669-2006 "urban network alarm monitoring system General technical requirements." this section compared with GA/T 669-2006, the following changes.

--- Relates to the scope, normative references, terms, definitions and acronyms as well as provisions of the "standard" to "in this section." this section of the Appendix A, Appendix B is an informative annex.

This part is proposed by the Ministry of Public Security Technology Bureau.

This part of the National Security Alarm System Standardization Technical Committee (SAC/TC100) centralized.

This section drafted by. Ministry of Public Security Technology Bureau, Ministry of Public Security First Research Institute of Beijing in the security shield technology development company, Zhejiang Provincial Public Security Bureau Technology Department, Guangdong Provincial Public Security Department of Science and Technology, National Engineering Research Center for Multimedia Software, Wuhan University, Beijing Univision Aegis Security Technology Co., Company, Beijing State-invasive security alarm network Technology Co., Ltd., Liaoning Dao Heng Video Technology Co., Ltd. Tianjin Albert world of digital technology limited Company and Shanghai shield Intelligent Technology Co., Ltd. Hangzhou Hang Seng Digital Equipment Co., Ltd., Zhejiang University, Hangzhou Xinda Digital Technology Co., Ltd.

Introduction

After years of effort, the practical application of security technology and security system has made considerable progress, regional monitoring alarm System throughout the country, formed the basis for social security network technology to prevent. However, these have been built large alarm monitoring system are independent, self-contained, each other lack of unified planning and technical coordination, can not (such as a city region) effective in a larger context the interconnection, interoperability and information-sharing network, has not yet formed a sound business requirements for public security and public safety integrated application system Integrated platform, affecting play a role in security technology urban social security comprehensive prevention and control system construction is not conducive

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to security alarm Professional services, socialization.

In order to achieve all kinds of network alarm monitoring system within the city limits by a different device, heterogeneous network consisting of between interworking, interoperability, integrated Using a variety of monitoring and alarm information resources, first of all networked surveillance alarm system within the city limits, so as to realize the province, the National Union Network to improve the comprehensive prevention and control capacity of Public Safety, formulated section.

Construction of urban network alarm monitoring system, requires a series of technical and management standards, service standards support, this part is to support the city One common (basic) standard network alarm monitoring system construction, and related standards will continue to develop and support in practical work use.

Urban network alarm monitoring system of technical standards Part 1. General requirements

1 Scope

GA/T 669 provisions of this part of the city network alarm monitoring system (networking system) design principles, system architecture, system functions Energy and performance requirements, system equipment requirements, information transmission requirements, safety requirements, electromagnetic compatibility requirements, power requirements, environment and adaptation to the environment Requirements, reliability requirements, operation and maintenance requirements and other general technical requirements, is the urban network alarm monitoring system construction planning, programming Design, project implementation, system testing, final acceptance and the associated system equipment R & D, according to the production.

This section applies to public safety areas of the city network alarm monitoring system, other areas of network alarm monitoring system Reference use.

2 Normative references

The following documents contain provisions which, through reference GA/T 669 of this text, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 20271-2006 Information security technology - Common security techniques requirement information system GB 50198-1994 civil closed circuit monitoring TV system engineering GB 50348-2004 security engineering and technical norms GA/T 367-2001 video security monitoring system technical requirements GA/T 379.1 ~ 379.10-2002 serial

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data interfaces in alarm transmission systems of information formats and protocols (IEC 60839-7-1 ~ 60839-7-10.2001, IDT) YD/T 1171-2001 IP network technology requirements of network performance parameters and indicators

3 Terms, definitions and abbreviations

The following terms, definitions and abbreviations apply to this section.

3.1 Terms and Definitions

3.1.1

In order to maintain public safety for the purpose of the integrated use of security, communications, computer networks, system integration technology, in city limits Constructed within an information collection/transmission/control/display/storage/processing functions can be realized between different devices and systems interconnection/interoperability and Mutual control integrated network system. With this system, the need for prevention and monitoring of targets within the city limits effective video monitoring, alarm Disposal, and provide the appropriate information platform for urban emergency system construction.

3.1.2

Network monitoring system installed in the field of information collection, coding/processing, storage, transport, security control and other equipment.

3.1.3

Front-end equipment installation or location or locations monitored.

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