

ICS 13.310
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GA

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

GA/T 74-2017

General graphical symbols in security system

安全防范系统通用图形符号

(English Translation)

Issued on: June 23, 2017

Implemented on: June 23, 2017

Issued by: Ministry of Public Security

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Foreword

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

This standard replaces GA/T 74-2000 "General Graphics Symbols for Security Systems". Compared with GA/T 74-2000, except editability Changes, the main technical changes are as follows.

--- Modify the scope of application of the standard (see Chapter 1, Chapter 1 of the 2000 edition);

--- Added terms and definitions (see Chapter 3);

--- Modified the classification and numbering of graphic symbols in the original standard, added 142 new symbols, and deleted 71 original symbols (see Chapter 4, Chapter 3 of the 2000 edition);

--- Increased application requirements for graphic symbols (see Chapter 5);

--- Deleted Appendix A of the original standard. Wire graphic symbols were fully revised and included in the "transmission system equipment graphic symbol".

After the symbol has been revised completely, it will be included in the "marking symbols for laying locations and cable laying methods" (see 4.8, 4.9, attached to the 2000 edition).

Record A).

This standard is proposed and managed by the National Security Alarm System Standardization Technical Committee (SAC/TC100).

This standard was drafted. The First Institute of the Ministry of Public Security, Beijing Sound Electronics Co., Ltd.

1 Scope

This standard specifies the graphic symbols and application requirements commonly used in security system engineering.

This standard is applicable to the drawing and labeling of graphic symbols in technical documents such as the design and construction of security systems. Other industries may also refer to them.

use.

2 Normative references

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

GB/T 4728.9-2008 Graphical symbols for electrical diagrams Part 9. Telecommunications. Switching and peripheral equipment GB/T 4728.10-2008 Graphical symbols for electrical diagrams Part 10. Telecommunications. Transport GB/T 4728.11-2008 Graphical symbols for electrical diagrams Part 11. Floor plan for architectural installations GB/T 5465.2-2008 Graphical symbols for electrical equipment. Part 2. Graphical symbols GB/T 15565.1 Graphical symbology - Part 1. General GB/T.20063.15-2009 Graphical symbols for schematics Part 15. Installation and network diagrams GB/T 28424-2012 Graphical symbols and illustrations for traffic television monitoring system equipment GB/T 50786-2012 Building Electrical Drawing Standard

3 Terms and Definitions

The terms and definitions defined in GB/T 15565.1 apply to this document.

4.1 Protection Area Boundary Graphic Symbols

Protection zone boundary graphic symbols are shown in Table 1.

Table 1 Protective Area Boundary Graphic Symbols

No.	Name	English Name	Graphic Symbol	Description
4101	protective perimeter	protective perimeter		
4102	surveillance zone boundary	monitoredzone		

4103	Protected Area Border	protectedzone		
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4104	Forbiddenzone	forbidden zone boundary		
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