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CCS A24



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

GB/T 18283-2008

Replacing GB/T 18283-2000

Bar code for commodity - Bar code in-store

商品条码 店内条码

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Foreword

The reference standard EAN International (GS1) to develop "GS

1 General Specifications" (eighth edition), combined with China's actual situation, GB/T 18283-2000 "store bar code" has been revised. This standard replaces GB/T 18283-2000. This standard compared with GB/T 18283-2000, the main changes are as follows:

--- Standard name changed to "barcode in-store bar code."

--- By the scope of the original standard "This standard specifies the coded symbols and technical requirements in-store bar code. This standard applies to Shop Bar code identification unit is a closed loop system variable consumer goods. "To" This standard specifies the store bar code encoding, bar code table Shows, symbol quality assessment and placement of the bar code symbol. Goods and variable This standard applies to store their own processing store sales zero Barcode identification of goods sold. "

--- Only gives this standard reference standard number and name, and the original reference standard GB/T 16830-1997 "storage bins Code "to GB/T 14257" commodity bar code symbol location. "

--- Defined by the original standard in-store barcode 'barcode identification merchandise stores closed loop system variable consumer unit "to" prefix code Goods bar code 20 to 24, for identifying their own processing shops store sales of retail goods and variable. "

--- Increasing the definition of variables retail goods.

--- In-store bar code code structure, increasing prices and other information that does not contain a 13-bit codes and 8-bit codes; cancellation of the original variable Code structure unit costs were adjusted, renamed "contains information about prices and other 13-bit code," delete the words "on behalf of commodity items Code "concept, the" price (metric) Code "with" price or measure of code ", the" price (metric) test code "change As "price or measure checksum."

--- Increasing the quality evaluation of in-store bar code symbol.

--- Increased in-store bar code symbol placement.

--- Retained Appendix A price (metric) calculated checksum, renamed the "price calculation or measure checksum" And accordingly the appendix "Prices (metric) Check code" to "price or measure checksum." Appendix A of this standard is a normative appendix. The standard of the National Logistics Standardization Technical Committee Information Management and centralized. This standard was drafted. Article Numbering Center of China. The main drafters of this standard. Luo Qiu Division, INTI Qing, Zhang Chunyuan, Li Ning, Dujing Rong. This standard was first published in 2000, this is the first revision. Product barcode barcode for shop

1 Scope

GB/T 18283-2008 is the Chinese national standard on bar code for commodity - bar code in-store, in the field of information technology. 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 16 July 2008 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 January 2009. Classification: ICS 35.040, CCS A24. 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 store bar code encoding, bar code representation, symbol quality assessment and placement of the bar code symbol. This standard applies to bar code their own processing shops store sales of retail goods and variable identity.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 12904 product barcode (GB 12904-2003, ISO / IEC 15420.2000, NEQ) GB/T 12905 Tiaoma term

GB/T 14257 goods bar code symbol location

3 Terms and Definitions

GB/T 12905 and established in the following terms and definitions apply to this standard.

3.1 Goods bar code prefix code 20 to 24, and variable commodity retail stores for identifying their own processing store sales.

Note. 8-store bar code prefix code is 2.

3.2 In the retail trade process, it can not be determined in advance sales unit, according to the basic unit of measure pricing, sales of goods.

4.1 Does not contain information on prices and other 13-bit code

4.1.1 Structure Does not contain information such as a price 13 code consists of a prefix code, commodity item code and check code, whose structures are shown in Table 1. Table 1 does not include information on prices and other 13-bit code structure Prefix commodity item code check code X13X12 X11X10X9X8X7X6X5X4X3X2 X1

4.1.2 prefix code X13X12 for the prefix, which is 20 to 24.

4.1.3 Commodity item code X11 ~ X2 as a commodity item code, consists of 10 digits, prepared by the shops themselves.

4.1.4 checksum X1 is a checksum for a number, according to the first 12-bit computing is made for checking the entire code of right and wrong. See calculation method GB 12904.