WE ARE LIBRARY PEOPLE

Electronic Article Surveillance

EM-TAG

تگ (Tag) یک شی الکترونیکی است که بر روی کتاب، مجـلات، اسنـاد کاغذی و یا CD هایی که قرار است تحت مراقبت سیستم حفاظتی کتابخانه قرار گیرند، نصب می شود. یکی از مهمتریـن ویژگی تگ های EM قابلیت فعال و غیر فعال شدن به دفعـات است. البته معمولا برای کتابهای مرجع و یا اسنادی که به هیچ عنوان به امانت داده نمی‌شوند از تگ های دائم فعال استفاده می‌گردد.

انواع تگ EM :
تگ‌های رشته ای دورو چسب :
در دوطرف این نوع تگ‌های رشته‌ای لایه‌های چسـب قرار دارد. این نوع تگ جهـت قرار گرفتن در انتهایی‌ترین محل قابل نصب بین دو صفحه کتاب مناسب می باشد و آن دو صفحه را از آن محل به یکدیگر می چسباند .
تگ‌های رشته‌ای یک رو چسب:
در این نوع از تگ‌های رشته‌ای فقط در یک طرف تگ لایه چسب قرار گرفته است. این نوع تگ در کتاب‌هایی که صفحات آن کاملا تا انتها باز می‌شوند و یا در مـواردی که تگ در شیرازه کتاب قرار می‌گیرد، قابل استفاده است.
تگ‌های رشته‌ای با پهنای 5mm و 10mm و طول 50mm و 100mm عرضه می‌گردد.
تگ‌های CD :
این تگ به لحاظ شکل ظاهری برای نصب مستقیم بر روی CD طراحی شده است.

مزایا
- ضخامت بسیار کم و مناسب برای پنهان کردن در کتاب
- قابلیت فعال و غیر فعال شدن به دفعات نامحدود
- عدم امکان غیر فعال سازی تگ با روشهای معمول
- قیمت بسیار مناسب

A tag is an electronic article placed on books, magazines, paper documents or CDs which are supposed to be protected by library security systems. one of the most important quality of EM tags is their capability of being activated and reactivated for numerous times .Obviously for reference books or documents that are never lent, permanent active tags are used.

Types of EM-tags:
- **Double sided adhesive tail tags:**
There is an adhesive layers on both sides of double sides adhesive tag. This type of tags are suitable to be mounted on the furthest attachable position between two pages of book and will attach two pages on this place.
- **Single sided adhesive tail tags**
In this type of tags the adhesive layer is only on one side of the tag. such tags are used in cases that a books pages are completely opened ,or when the tag is mounted in the binding of the books.
Tail tags are available in 5mm, 10 mm width and 50mm, 100mm lengths.
- **Cd tags:**
Due to its physical shape, this type of tags is designed for direct attachment on CDs.

Features
- Extremely low thickness, suitable to be hidden in books
- Ability of numerous activations and deactivations
- Impossibility of tag deactivation by common methods
- Very economic

Deact / reactivator unit

User-friendly, Reliable, Economic

ACTIVATOR / REACTIVATOR

● انجام عملیات فعال و غیر فعال‌سازی انواع تگ EM در کمتر از یک ثانیه

● بدون نیاز به رعایت مکانی خاص جهت نصب تگ در کتاب

● زیبا، کوچک و سبک

W.H.D: 280*120*220
Weight: 8kg
Material: METAL
Input voltage: 220VAC ± 10% 50 HZ
Maximum current: 0.5 Arms

Features

● Deactivation and reactivation of various EM tags in less than 1 second
● No need to maintain a special position for the tag on books
● Stylish, small and portable

021-88175146, 021-88175149 , 021-88533715

security system
Library

Electronic article surveillanc.

Illegal exit of books and documents is one of the most important issues which libraries are dealings with. Electronic Article surveillance (EAS) is the most effective method to solve this problem.

Among the present technologies, EM-EAS is the best suggestion for providing the protection of books, CDs and documents in a library due to its ability of tag secrecy in books, ability to deactivate and reactivate the tag of numerous times, ability to be attached on CDs, economic cost, and impossibility of tag deactivation through common methods.

Features

- Very high tag detection rate (over 90 %)
- No false alarms
- High tag detection sensitivity, even in cases of 180 mm height (the ability to detect books hidden in backpacks)
- Equipped with digital filter to eliminate environmental undesirable signals
- Equipped with advance digital processor to ensure precise detection
- Modern design which is in harmony with internal decoration of libraries
- Resistant to environmental erosive factors
- Light alarm
- Audible alarm
- Economic

خروج غیر قانونـی کتـاب و اسنـاد یکـی از مسایـل مهمـی اسـت که کتابخانـه‌ها با آن مواجـه هستنـد و مراقبت توسط شی الکترونیکی (EAS) موثرترین روش برای مقابله با این مشکل است .

از میان تکنولوژی های موجـود، EM-EAS به دلیل قابلیت اختفای تگ در کتاب، قابلیت غیر فعال و دوباره فعال کردن تگ به تعداد بی‌شمـار، امکان نصـب تگ و عـدم امـکان خنثی سازی تگ با روشهای متداول بهترین پیشنهـاد برای حفاظـت از کتابها، CD ها و اسناد یک کتابخانه محسوب می گردد.

مزایا:

- نرخ آشکار سازی بسیار بالا (بیش از 90%)
- آلارم اشتباه در حد صفر
- قدرت آشکار سازی حتـی در ارتفاع 180 سانتی‌متر (قابلیـت آشکـار سـازی کتابهـای پنـهان شـده در کوله‌پشتی)
- برخوداری از فیلتـر دیجیتـال برای حذف سیگنال‌های ناخواسته محیطی
- مجهـز به پردازشـگر پیشرفتـه دیجیتالـی برای آشکار سازی مطمئن و دقیق
- زیبا و هماهنگ با دکوراسیون داخلی کتابخانه‌ها
- مقاوم در برابر عوامل فرسایش محیطی

EM library security system

Libraries and information centers annually allocate a large part of their budget to acquire information resources in different formats. Provision of users with proper services requires access to resources needed at such centers. It is essential for any library to protect and maintain its resources both in terms of providing optimal services while maintaining the resources and preventing wasted resources. A large number of companies around the world offer proper solutions based on novel technologies to help libraries protect their resources.

A number of attempts have been made by PAYAM HANNAN in Iran over the recent years to help libraries and information centers to this end.

With a decade of experience in librarianship and information management , PAYAM HANNAN pioneers in developing standard library equipment, security gates in libraries, and complete anti-theft processes based on years of research and development. By making use of the latest technologies in electromagnetic equipment, the company has achieved remarkable progress in this area. The product known commercially as EM200-R10 has provided the libraries and documentation centers with a tool for improved productivity, quality of service, and protection of invaluable resources.

Over the course of developing and enhancing the services provided to libraries across the country, PAYAM HANNAN initiated a project in the "year of domestic production and support for national work and capital", and managed to reach mass production within a course of six months. Given the naturalization of the total process, PAYAM HANNAN was the only company to equip more than 300 libraries across the country with this new equipment.

PAYAM HANNAN is the only company in Iran holding the new technology for library security gates called EM. The system is also known as library anti-theft gate, library security system, and library protection gate. PAYAM HANNAN has launched a complete production line for this system by the help of Iranian experts and provides this product along with a lifelong guarantee. One major drawback of this technology in the past was numerous errors and false alarms resulting from interferences when tags were passing through the gate. PAYAM HANNAN minimized these errors providing its customers with a tool for optimal identification with least possible error. Anti-theft gate is a domestically made technology with a high level of precision in identifying tags and producing required alarms with minimum error. The gates use digital signal technology to offer a much higher accuracy compared to similar systems. Users are now more confident in using anti-theft gates as they come with lifelong warranty.

PAYAM HANNAN is the only manufacturer of library antitheft gates in Iran and one of the few producers of EM gates worldwide, with remarkable advantages over other producers in terms of speed and accuracy. PAYAM HANNAN manufactures a wide range of equipment used in security gates, including gate enabler and disabler, tag identifiers, and host.

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EM - EAS