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01 ABOUT GCSTIMES

GCSTIMES upholding the concept of "Providing Fantastic Solutions to Realize Sustainability for Customers Globally.", has continuously made breakthroughs in technology and innovation on sustainable development products, especially in sustainable key cards since establishment in 2011. Our sustainable key cards have obtained invention patents in the United States, Germany, France, Australia, Japan and China etc., which have helped tens of thousands of hotels achieving the demands of low-carbon environmental protection and sustainable development.

500 Million+
Global Service
Person-times

139
Countries and
Regions

6
Global Subsidiaries



100,000+
Partner Hotel

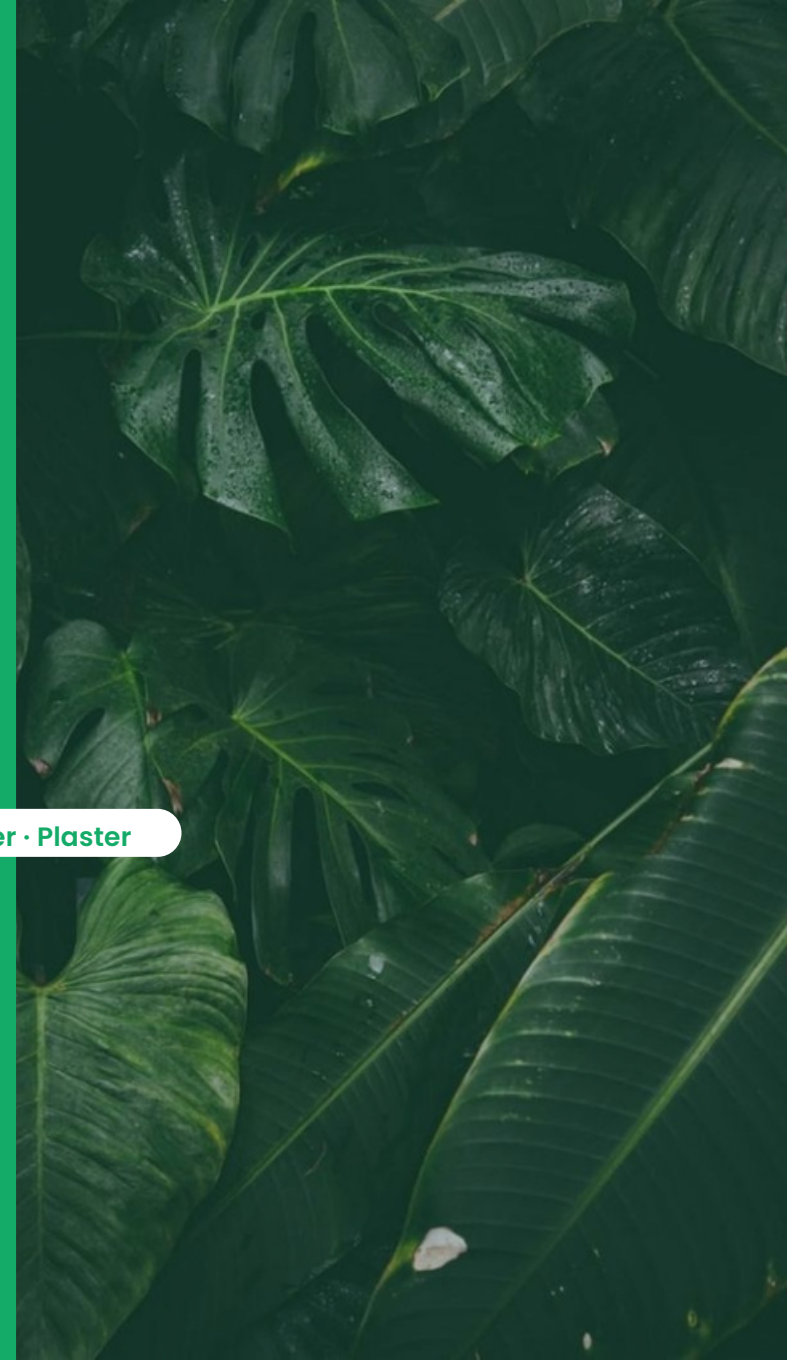
Pioneer
Global Key Card
Market

10 Years
Focus on Global
Eco-friendly
Product

02 ECO-FRIENDLY KEY CARD

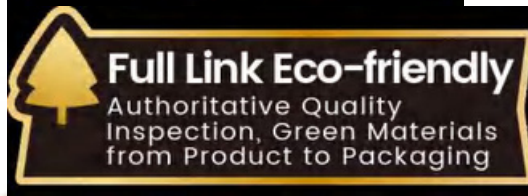
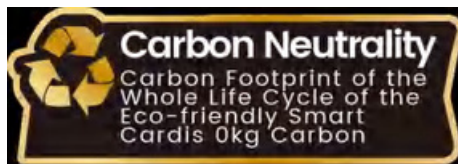
Wooden · Leather · PLA · Fabric · Paper · Plaster

In response to the global environmental protection trend and the government's call for low-carbon development, GCS has continuously made breakthroughs in technology and innovative products. With the concept of environmental protection, we have developed wooden, paper, leather, and biodegradable key card production lines, and obtained the global environmental protection wooden electronic label card invention patent.



Eco-friendly Wooden Card

Natural Atmosphere of Returning to Simplicity



Security Protection- First Guarantee

Legitimate authorization channels for chips



We have legitimate channels for purchasing chips.

*All chips have a proxy authorization letter for confirmation.

**Full chain
strict control**



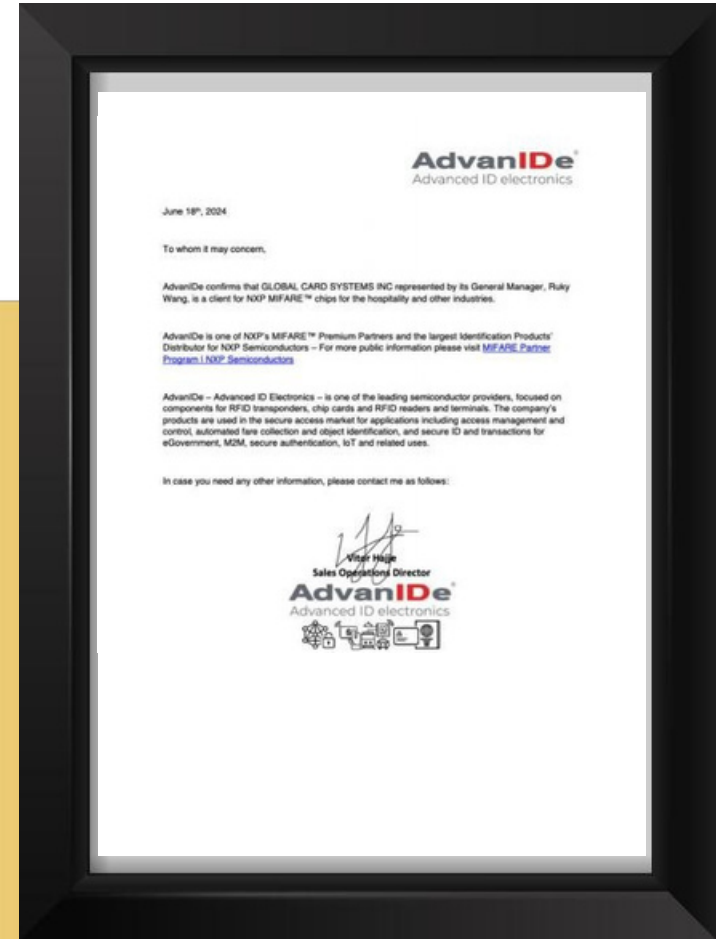
Legal
channels



Official
authorization



Worry free
after-sales
service

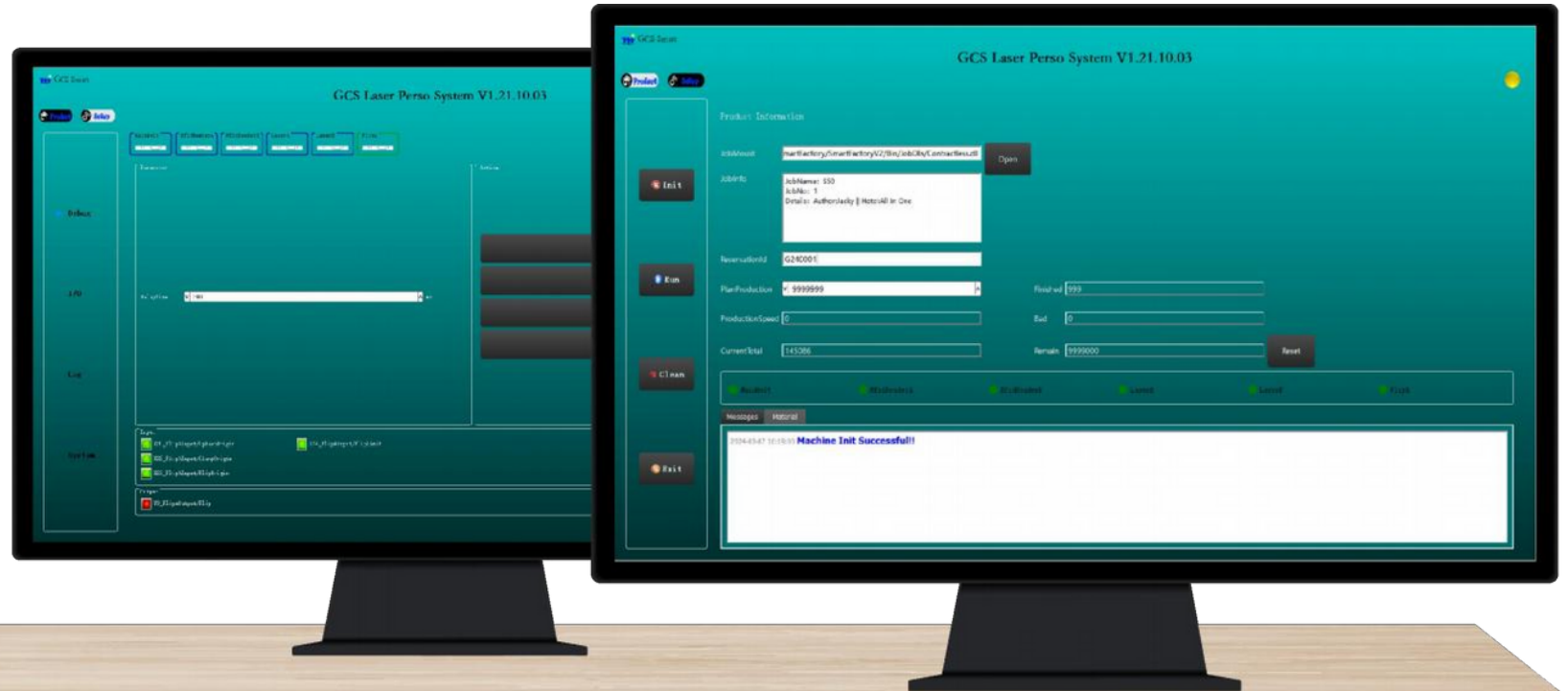


Security Protection- Second Guarantee

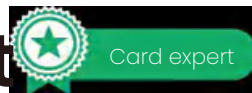
Tightly protect data writing security

We have independently developed equipment operating systems and data writing software, and each key card adopts national and international algorithms, as well as strict control measures, to comprehensively ensure the data security of the production process.

Copyright of operating system software
and data writing software



Security Protection- Third Guarantee Professional and reliable self-developed hardware equipment



Data writing hardware device patents



With a strong background in bank and mobile card technology, we have been focusing on the field of chip cards for over 15 years, Self developed data writing with advantages such as strong security, high autonomy rate, and fast operation speed. By entering hardware devices and delving deeper into the security protection capabilities of hardware, we aim to provide professional services for hotels A safe and reliable solution.



Patented Products Obtained Patent Certification in 7 Countries



GCS has a patent for eco-friendly wooden cards, which means that many product customizations and functions can only be realized through GCS. We will tailor safe and professional environmental protection solutions according to your needs.

*More Patents Pending...



Chinese
Patent



French
Patent



Japanese
Patent



Australian
Patent



German
Patent

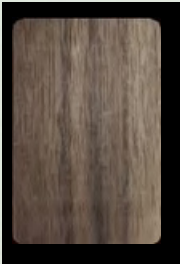


U.S.
Patent



UK
Patent

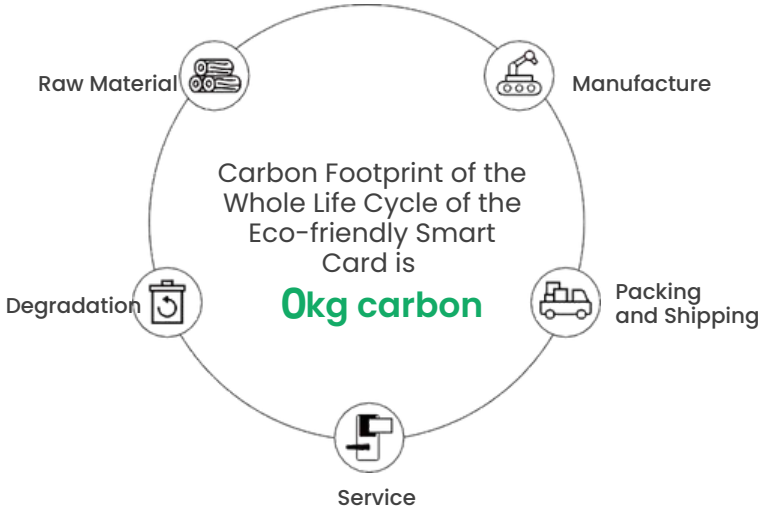
The First Carbon Neutrality Eco-friendly Smart Card



1 Eco-friendly Wooden Card
Carbon Emissions
0kg/co²

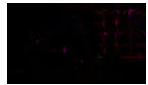


1 PVC Card
Carbon Emissions
0.061kgkg/co²



We promise: in accordance with the requirements of PAS 2060:2014, the emission offset has been implemented to complete the carbon neutrality of this product.

Through the use of eco-friendly materials and energy-saving and emission-reduction practices at the production and operation level, carbon footprints are reduced, and carbon offsets are used for the remaining parts that cannot be fully reduced to achieve carbon neutrality for eco-friendly smart card products.



If Carbon Neutrality Key Cards are used to Replace 1 Billion PVC Cards/Year

≈ -61,000 
Ton CO² Emissions

≈ +1988  
Hectares of Trees

Add color to the material topic of climate change (GRI Standard 305 and 302 Topic) in the ESG report of the hotel group by using the key card that has obtained the carbon footprint certification

Green Guaranteed

Full Link Environmental Protection



We are an FSC®

(Forest Stewardship Council)

certified company

We are Committed to Protecting
Forests and Realizing Sustainable
Development of Forests.

(FSC C148965)

Forest Stewardship Council®

Chain of custody certification from the FSC® system applies to manufacturers, processors and traders of the forest products it certifies. It ensures the validity of all FSC® certified material and product claims along the entire production chain. By promoting forest-friendly wood products and paper products, FSC® helps ensure forests are healthy and thriving in the long term.



Raw Material

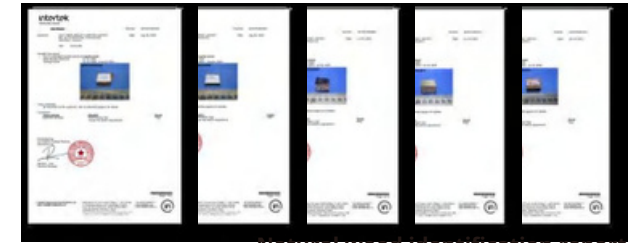
Manufacture

Packing and Shipping

Service

We Only Produce from Natural Wood

We have selected 6 kinds of wood materials that are most suitable for making key cards, and only real materials will be unique. The natural wood grain has a unique style, natural atmosphere of returning to simplicity



Natural wood identification report

Worldwide Best Sel

Beech

Cherry

Birch

Sapele

Bamboo

Black Walnut



Strict Delivery Standards: Waterproof, Durable, Safe, Healthy

Bending Test Load

≥50N Without Breaking
≥100,000 Read/Write Times



Storage Temperature

Temperature
-10~50°C
Humidity 20%~60%



No Deterioration in Storage

Waterproof

Water Drop Test
Water droplets on the surface of the card are round and spherical for **1 minute** without penetration



Soaking Test

After soaking in water for **30 minutes**, it can still read and write normally **100 times**



Card Thickness

Conventional:
1.2~1.5mm
Other Thickness Can be Customized



Eco-friendly Wood Paint

Water-based, non-flammable and explosive, and has no irritating smell, and has **China Environmental Labeling Product Certification**



Communication Frequency

Low-band Operating Frequency Range is

100kHz

133kHz

High-band Operating Frequency Range is

▼ 13.56MHz

Quality Control, Environmental Discharge, Formal Authorization All Meet the National Standard



IC Card Registration Certificate



National Printing Business License



Quality Management System Certification



ISO14001 Environmental System Certification



Certification of Intellectual Property Management System

Non-toxic and Harmless to the Human Body When Service

The eco-friendly wooden card products we produce have passed the testing and certification of domestic and foreign institutions, with **0 formaldehyde** and **0 harmful ingredients**.



Formaldehyde
Emission Complies
with EU EN 717-3-1996"
Standard



Restriction of Hazardous
Substances Certification



EU EC/1907/2006
"Regulations on
Registration,
Evaluation,
Authorization,
and Restriction of
Chemicals"
(referred to as REACH)
Certification



Tea polyphenol antibacterial
process certification
Wooden card has excellent anti-
bacterial and anti-mildew effect
Antibacterial rate > 99.99%*,
reducing the spread of disease



Wooden cards can be naturally degraded in a short period of time after being discarded



Wood card degradation products are carbon dioxide and water, no harmful substances are produced, and there is no burden on the earth's environment



The degraded wooden cards become natural raw materials again, and the resources are renewable

No Burden on the Global Environment After Disposal

Shiner Than PVC

Tailor-made Unique Solutions

Eco-friendly wooden cards have stronger plasticity than PVC, and can be customized with any processes on the card surface to meet the needs of different scenes and themes. GCS has a professional design team, which can provide special key card design services, as well as customized services for supporting eco-friendly card holders. Breaking through the uniform design and style of standardized hotels, we aim to infuse the soul of local culture into each hotel. Complying with the new trend of upgrading tourism consumption and pursuing personalized tourism experience, the eco-friendly key card carries basic functions and at the same time has more commemorative value, bringing guests a more unique surprise experience.

Cultural Tourism
Commemorative Card



Event Commemorative Card



Parent-Child Card



Shaped Card



Pet Friendly Card



Multi-function Name
Badge Card



Professional Design Team with Many Awards

We have a professional design team that can provide inspiring and customized services. And our team has also won many awards in major design competitions.

The customized creative key card not only conforms to the upgrade of tourism consumption, but also meets the new trend of guests pursuing personalized travel experience. While carrying the basic functions, the key card has more commemorative value and brings users a more unique and surprising experience. .



2020 Xiangzhou Tourism Culture Creative Design Competition
Gold Medal
2020 Xinghua Cultural and Creative Competition
First Prize
2021 Luancheng Cultural and Creative Design Competition
Popularity Award
2021 Jinzhai Tourism Cultural and Creative Product Design Competition
Honorable Mention

2021 The 5th International Cultural Tourism Creative Product Design Competition
Good Design Award
Best Concept Award
2022 International Environmental Protection Design Competition
Silver Award
Bronze Award
2022 The 4th Guangdong-Hong Kong-Macao Greater Bay Area Cultural and Creative Competition
The Third Prize
Honorable Mention



Exquisite Craftsmanship Icing on the Cake

GCS focuses on the card making process, integrates laser cutting, engraving, embossing printing, screen printing, bronzing and other processes, and constantly innovates the manufacturing process of products. Then through the design, the key card will be presented more perfectly, bringing users the ultimate key card experience.



Bronzing



Embossing



Piercing



Shaping



Inlaying



Engraving



A Natural Sense of Luxury



Made of eco-friendly plant-based materials, it retains the grain of the leather and is available in dozens of colors. With high-end, luxurious and exquisite style, it is the first choice for high-end star hotels.



Currently certified by the USDA
BIOPREFERRED Biobased Priority Program

Embossing Process

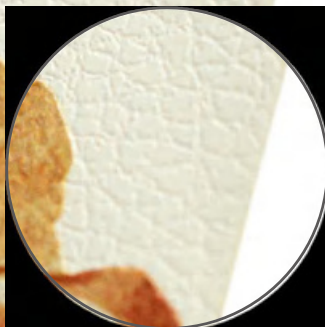
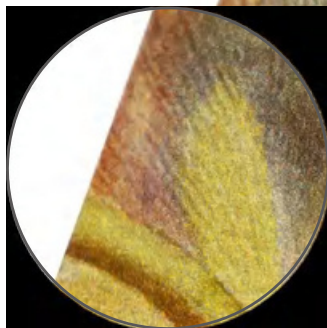
Printing Process

Customized Color

Embossed Effect



Clear Printing



Delicate Skin Texture



Eco-friendly PLA Card

A Masterpiece Built to Last



GCS Self-developed PLA material card series. The shell material can be completely degraded, and the degradation product is lactic acid, which is completely non-toxic and harmless.



The PLA material has been certified by SGS. All components are eco-friendly and fully degradable.



European Bioplastics Seeding Certification (Germany) DIN-Geprüft Industrial Compostable Certification from DIN CERTCO (Germany) International certification of compostable plastic materials



Polylactic acid (PLA), a polyester polymer obtained by polymerizing lactic acid as the main raw material, is a new type of biodegradable material that can be completely degraded. The degradation product is lactic acid, and incineration only produces carbon dioxide and water. It is a carbon-neutral material and realizes the carbon cycle of "carbon dioxide-plant-based- PLA-carbon dioxide".

Antibacterial and Antimildew

Non-toxic and Harmless

Comfortable Skin-friendly, Wear-resistant and Durable

Vivid Colors Clearing Printing



Eco-friendly Fabric Card

Fresh and Refined Elegance



The cloth card is made of high-quality cotton raw material, which has the advantages of low carbon, environmental protection, and breathability. Its wear resistance and elasticity are much better than ordinary cotton, and it is not easy to mildew under various environmental conditions, skin-friendly and safe.



High-quality cotton supply chain certification

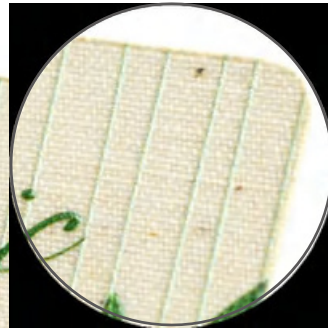
Customized Color

Printing Process

Comfortable Skin-friendly
Cotton Texture



Non-dyed Fabric with
Natural Cotton Shell



Vivid Colors
Printing



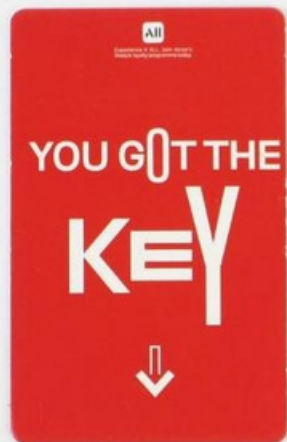
Eco-friendly Paper Cards

Nature's Warm and Green Choice



Our paper cards are available in two options: White Cardboard and Kraft Cardboard. These fabric cards are made from high-quality fiber and premium wood pulp, offering advantages such as low carbon emissions, environmental friendliness, and sustainability. They are known for their flexibility and durability, surpassing regular paper cards. These cards have a wide range of applications and are waterproof and moisture-resistant.





·White Paper Cards·

Feel smooth

Printable only

Bright color

·Kraft Paper Cards·

Fine texture

Eyes care

Printing/Engraving

Natural color



Eco-friendly gypsum cards

High-end elegant artistic atmosphere

Delicate hand feel

Printing customization

Wear resistant and durable

Shape/fragrance customization

The keycard, made of environmental-friendly gypsum material, embodies exquisite craftsmanship and elegant artistic design, while takes into account the commitment to carbon neutrality.

New product launch

One-stop Solution for Key Card Accessories

Eco-friendly Card Sleeve

Made of eco-friendly paper, the GCS design team can provide customized services for eco-friendly card sleeves, tailor-made exquisite card sleeves of any size, shape and printing process for key cards.



Card Disinfection Cabinet

Tiny body and does not take up space, and can accommodate up to 60 cards at the same time. The intelligent multi-session timing can complete disinfection in only 5-10 minutes. It is certified by the Microbiological Analysis and Testing Center, and can effectively remove 99% of bacteria.



Laser Engraving Machine

GCS-K9 small laser engraving machine supports computer USB and mobile phone Bluetooth connection, has offline memory engraving function, easy to operate, and is suitable for various material surfaces to meet the customization needs of different industries.



ACCOR



HYATT



INTERCONTINENTAL



BEST WESTERN



They All Using Eco-friendly Key Cards

More and more star hotel groups are actively turning to eco-friendly products in order to reduce their carbon footprint and provide a more eco-friendly customer experience. Although a key card is small, it is the first product delivered to the hotel guests. The hotel's business philosophy, carbon balance, and circular economy...start with each eco-friendly key card.

GCS's eco-friendly card has successfully helped tens of thousands of high-star hotels around the world to reduce carbon emissions, and helped more hotels to achieve low-carbon transformation, so that every traveler has the opportunity to participate in the global environmental protection process while enjoying high-quality services

HILTON



FOUR SEASONS



KEMPINSKI



WYNDHAM

