

## News Letter\_July.2019\_Monthly News letter

EGM ITEM News

1. Lighting info (What is energy harvester)

■ What is energy harvester



(Types of energy that can be collected)

It is a technology that makes it possible to collect energy that is discarded without thinking and use it as electricity. As shown in the figure, it is a technology that collects energy, converts it into energy form that can be saved, stores it, and makes it possible to use a battery with less electricity leakage as energy.

In addition to these technologies, there is also a device that prevents energy waste, not energy storage.

■ Introduction of item

**MADE IN KOREA**  
**Product name: G Harvester**  
 (Electromagnetic wave absorber)  
 Power stabilization + pure electric energy saving  
 \* Product code: 1101011000  
 Reduces actual electricity costs (MAX15%)

Energy Harvester Introduction	
Attribute	Power shielding non-conductor and multi-layer material with electromagnetic field generation function through EMK
State	Substitution temperature: 125 degrees
Ingredient	99.7 wt% of silicon dioxide, 1.0 wt% of aluminum oxide, 1.5 wt% of magnesium oxide, 3.0 wt%
Method of operation	Power Stabilization through Electro-Magnetic Action of a Rigid Body
Place of application	* Attached to shop panel * Factory add panel attachment * Attaching to the transformer heat sink
Table	Wireless type without power cable connection

National accredited laboratory test report

시험결과

시험항목	시험결과	기준	비고
1. 시험 목적	본 시험은 전자기파 차폐 성능을 평가하기 위하여 실시된 것으로, 시험 결과 차폐 성능이 우수함을 확인하였다.	KS C 15000	표준
2. 시험 방법	본 시험은 전자기파 차폐 성능을 평가하기 위하여 실시된 것으로, 시험 결과 차폐 성능이 우수함을 확인하였다.	KS C 15000	표준
3. 시험 결과	본 시험은 전자기파 차폐 성능을 평가하기 위하여 실시된 것으로, 시험 결과 차폐 성능이 우수함을 확인하였다.	KS C 15000	표준
4. 시험 결과	본 시험은 전자기파 차폐 성능을 평가하기 위하여 실시된 것으로, 시험 결과 차폐 성능이 우수함을 확인하였다.	KS C 15000	표준
5. 시험 결과	본 시험은 전자기파 차폐 성능을 평가하기 위하여 실시된 것으로, 시험 결과 차폐 성능이 우수함을 확인하였다.	KS C 15000	표준

At least 7.5% electricity saving is possible.

■ Easy to installation

1. Remove 3M from the back of the product.
2. Remove dirt and impurities to ensure good adhesion at the mounting location.
3. Fix the product in (1), (2), (3) order.



1. Product introduce: Black box for security & business management



It is in the case of freight forwarders, frequent theft accidents have caused losses due to increased cargo management of freight forwarders. Therefore, there is a need for a product capable of real-time management for theft and business management.



Black box for security & business management



■ Feature

01. Field recordable  
- Can be recorded in the field without a computer.  
- Can be recorded in the field without a computer.
02. Unable to destroy data  
- The data is stored in a non-volatile memory.  
- The data is stored in a non-volatile memory.
03. Path tracking  
- Can track the route in real-time.  
- Can track the route in real-time.
04. Smart storage  
- Large memory (8 GB, 16 GB, 32 GB, 64 GB, 128 GB).  
- Real-time management of business data (photos and videos).
05. Wireless transmission  
- Real-time wireless transmission.  
- Real-time wireless transmission.

■ Application field

Administrators and executives can use it as a black box for security and business management. It is also possible to use the freight carrier center who uses a truck, the carrier of the ship, and the place where the operation management of small shops is necessary.



**GM Tech**  
 1. Samsung M.C. Park, 4. Gyeonggi-do, 41-111, Seongnam-si, Gyeonggi-do  
 TEL: 031-270-4100  
 FAX: 031-270-4101  
 E-MAIL: gmtech@stellon.net  
 www.gmtech.com  
 www.stellon.net

