

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

EGM ITEM News

1. Lighting info (What is energy harvester)

■ What is energy harvester



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	
Substance	
Attribute	Power shielding non-conductor and multi-layer material with electromagnetic field generation function through EMK
State	Substitution temperature: 125 degree
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 A&S panel attachment ▶ Attaching to the transformer heat sink
Table	Wireless type without power cable connection

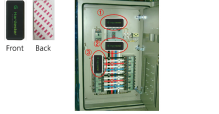
National accredited laboratory test report

시험일자	시험대상 품목	시험기관	시험결과
2014.08.28	1. 시험 대상품목의 전자기파 차폐 성능 시험 2. 시험 대상품목의 전자기파 차폐 성능 시험 3. 시험 대상품목의 전자기파 차폐 성능 시험 4. 시험 대상품목의 전자기파 차폐 성능 시험	한국과학기술연구원	합격
2014.08.28	1. 시험 대상품목의 전자기파 차폐 성능 시험 2. 시험 대상품목의 전자기파 차폐 성능 시험 3. 시험 대상품목의 전자기파 차폐 성능 시험 4. 시험 대상품목의 전자기파 차폐 성능 시험	한국과학기술연구원	합격
2014.08.28	1. 시험 대상품목의 전자기파 차폐 성능 시험 2. 시험 대상품목의 전자기파 차폐 성능 시험 3. 시험 대상품목의 전자기파 차폐 성능 시험 4. 시험 대상품목의 전자기파 차폐 성능 시험	한국과학기술연구원	합격

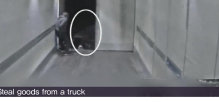
At least 7.5% electricity saving is possible.

■ 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



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 while driving and stopped  
▶ Can be recorded while driving and stopped
02. Unable to destroy data  
▶ Can be recorded while driving and stopped  
▶ Can be recorded while driving and stopped
03. Path tracking  
▶ Can track the route in 2D  
▶ Can check the route of the recorded path
04. Smart storage  
▶ Large memory (8 GB, 16 GB, 32 GB, 64 GB, 128 GB)  
▶ Real-time management business data transfer and memory backup
05. Wireless transmission  
▶ Real-time wireless transfer data  
▶ Can be always view to download data view recorded video on your mobile phone

■ Application field

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



**GM Tech**  
1. Samsung M.2, SATA, eMMC, UFS, NVMe  
2. H.264, H.265, HEVC, AV1, VP9  
3. 4K, 8K, 1080P, 720P, 480P  
4. Real-time monitoring, motion detection, night vision, wide dynamic range, etc.  
5. Real-time monitoring, motion detection, night vision, wide dynamic range, etc.

