

- ✓ **SNOOPER-DP** is an innovative and exclusive solution for **detecting a hidden metal object** inside a pocket or bags **without body check** of the visitors.
- ✓ The system can detect the **concealed weapon** such as a **gun, homemade bomb, and rifle** those made of ferrous material inside bags of visitors.
- ✓ **SNOOPER-DP** system has a capability of detecting a nano-level perturbation of the magnetic field, and detecting the **IRON** object that moves between two SNOOPER sensors.
- ✓ The system is **PERFECT** for installing **inside a building** or meeting place, because it has a special hybrid structure to **cancel out the magnetic disturbance from elevators or iron doors**.
- ✓ SNOOPER-DP is designed for being installed on a standard barrier pole and can easily be connected to the user's conventional security system by a standard Ethernet LAN.

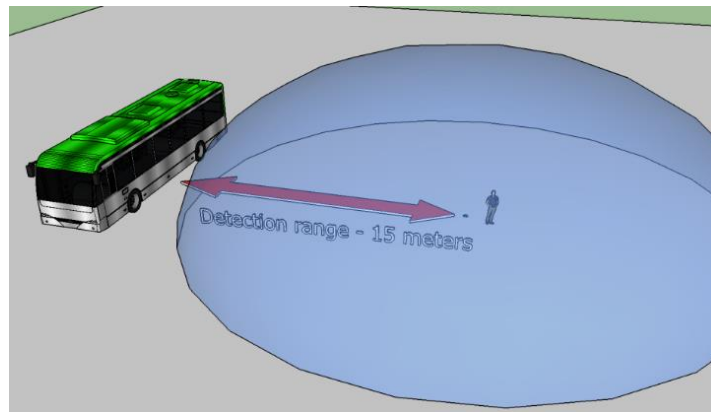
### Key features

- It consists of two precision magnetic sensors and a digital signal processing controller.
- The system forms the **oval shape detection space** between two sensors and calculates the size of the moving iron objects inside a backpack.
- People do not know about our security checking process, **no waiting lines**, and **no unpleasant experiences**.
- It is a portable system that takes only 10 minutes to set up for school, VIP meeting, museum, theater, and basketball game.

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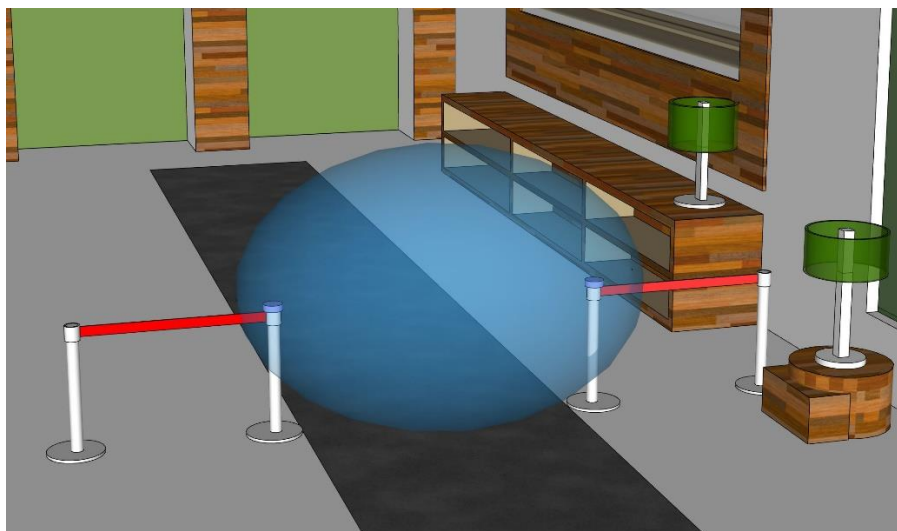
## ★ Detection range of a SNOOPER-DP system and magnetic disturbances

- The output of a precision magnetic sensor is **proportional** to the **SIZE** of the metallic object and **inversely proportional** to the **DISTANCE**.
- A large size of iron material (such as a bus) can affect the magnetic sensor as a disturbance even the bus is outside of the building. Also usually inside of a building, there might be several large iron moving objects act like **disturbances** such as elevators, escalators or iron doors.

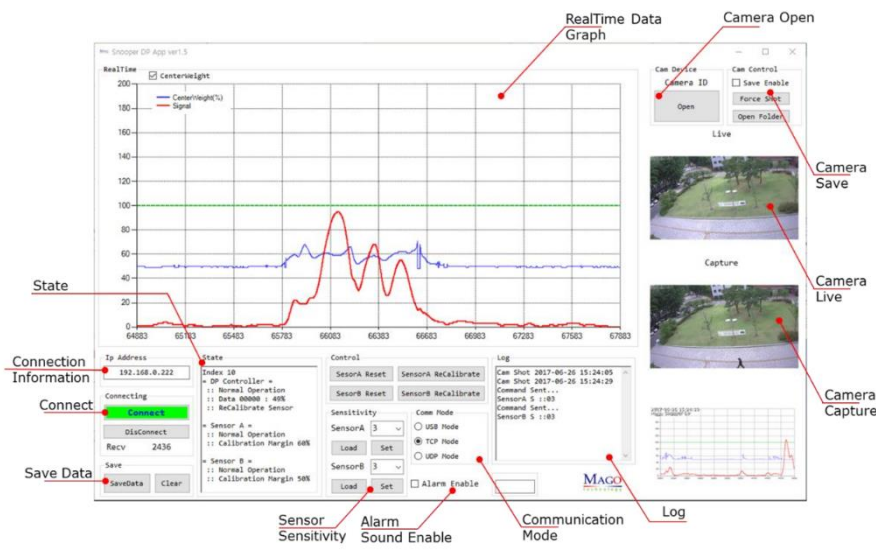


[The output signal is proportional to the size of the moving object when it has a same iron composition]

- Inside **SNOOPER-DP** system, it has **an unique signal processing technology that cancel out the magnetic noise** from the large size moving object such as an elevator, so our system can cover more wide area inside a building than that of other types of magnetic sensor (but it needs the minimum distance for safely working, for example, 5 meters against an elevator.)



- **SNOOPER-DP** system forms the **OVAL-SHAPED** (blue area in the picture) detection space between two sensors and can detect the iron objects those are passing between two SNOOPER sensor.



- ✓ **SNOOPER-DP** system outputs the **SIZE** of the **concealed iron object** that passes between two sensor modules in real-time, and user can determine the threshold level of alarming for their own purpose.
- ✓ The app. of **SNOOPER-DP** has a function of **taking pictures** when the **size** of the concealed iron object is **beyond** the pre-determined threshold.
- ✓ **SNOOPER-DP** system can be easily interfaced to the conventional security check system by standard LAN interface with SNOOPER protocols.

### Product summary

Parameters	Value	Unit
Supply Voltage	12	V
Supply Current	300	mA
Operating Temp.	-10 ~ 50	C
Output interface	LAN(TCP/IP)	-
Max. cable distance between sensors and a DP controller	Max. 15	m

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