

# Professional Workplace Management & Data Acquisition System



- \* **Installation Site** : Police station(GoYang, GyunggiDo, Korea)
- \* **Product(Qty)** : Star 505R Portable(1ea), Starwatch Dual pro 1(1ea), IDC 80(500 ea)

- Star 505R Portable**: Standalone controller armed with battery and RS232cable connector(RS232 Cable for connecting with a labtop)
- **Starwatch Dual Pro I S/W**: Management software for visitor management and various reports creating & converting & printing.
- **IDC80 Card (125KHz ISO credit card size proximity card)**: ID card used for various purposes

## Project Requirement >>

- 1) Due to the increased time and workload of checking the attendance manually, the policemen needed a fast and effective system to shorten the process.
- 2) The need for one system to be used for multiple purposes such as attendance checking, cafeteria financial accounts and training evaluation reports.
- 3) The need for simple and cost effective product
- 4) The demand for the user defined report



## Solutions >>

IDTECK has provided a system with Star 505R portable controller and management software (STARWATCH DUAL PRO I) that can be simply worked by connecting with a labtop via RS232.

- 1) With its portable feature, it can be perfectly used for multiple purposes anywhere, without the installation.
- 2) Providing customized management software, it is able to create multi-purpose reports based on visitor or attendance information.
- 3) It also has the ability to utilize as an interior access control system for workers during night shifts

## Case Study >>

**K**oYang police station in South Korea was recently struggling to solve several problems. After deciding to hold monthly forums, officers realized they needed a fast and efficient way to keep track of attendance for the forums. They wanted to find a simple and accurate solution instead of writing individual tickets to count attendees.

They also came to the realization that the time spent on writing numerous reports was cutting into their valuable time.

After searching for an answer, officers came across IDTECK'S Star 505R portable and IDC 80 cards with Starwatch Dual Pro.

They realized this system could save their police department a huge amount of time and labor by reducing the effort being used in writing individual paperwork. They could simply check the attendance by having the officers scan their IDC 80 cards while attending the meetings and the report would automatically be processed right after the forum.

They could also use the technology to easily produce reports for their regular shooting training. Evaluation reports could be automatically recorded and monthly reports written without the inconvenience of individual monitoring.

Enabling cashless payment and attendance at the station's cafeteria also provided a welcomed change. Before installation, Officers had to write their names on the lunch book to record how many times they ate the meals for each month. Now it is processed and sent straight to the accounts department to be recorded and calculated with the program.

IDTECK's technology also has the ability to save time when it's needed the most, police emergencies. Police are trained to assemble together quickly in the station when the emergency siren is run. Utilizing the Star 505R portable enables the station to check each policeman's number and can assess attendance on the spot without delay or human error.

For the 505R's obvious need for mobility and convenience, it has been designed with a rechargeable battery. It's carried with a labtop everywhere in the police station such as meeting rooms, training areas and the cafeteria. Adding to its value, it is easy to install and use, so anyone could use it after receiving easy instruction. The portable capability of the 505R with STARWATCH DUAL PRO is the perfect match for those who intend to implement its various uses in multiple locations. The policemen of this station have been very pleased with the efficiency and reliability of IDTECK's solution and expect to expand its use and functions within the station. Proposals have already been discussed concerning its use for the security of workers on nightshifts, where they are planning to use it for the access control in the near future.