

ADEL Digital Patrol System

1. General Introduction

ADEL Digital Patrol System is a latest high-tech product to be used for supervision of guard tour in buildings, campus, house estates and other places where a team of guards is in service. The system is simple, easy to use, firm, reliable, flexible and extremely cost efficient.

2. System Configuration



3. System Description

The Patrol System is consists of:

1. Patrol Stick, Model ADEL-9000-A5
2. Patrol Checker, Model ADEL-9000-B1
3. Controller, ADEL-9000-C5
4. Attendance Key, ADEL-9000-D1
5. Event Key, ADEL-9000-D1
6. System Software, ADEL-V9.5
7. Computer

The Patrol Checker is installed on the wall or the locations where guards must walk through when on duty. The guards will hold the Patrol Stick in hands. When they walk to the checker points, they just simply touch the checkers with the head of Stick. The data of time and person who touches the checker point will be restored in the Patrol Stick. When guards are off duty, the supervisor can put each stick on to the Controller. Then a report can be printed either from a printer connecting to Controller directly, or a printer connecting to a PC, which links to Controller.

The Patrol Stick is comprised of cast steel integration structure. The surface is covered by a coat of stainless steel. It collects data from Checkers and its functions are to read, process, memorize and transmit.

Specification:

Working Voltage: 2.7-3 V batteries
Environment Temp.: -25 – 80 C
Patrol Record: 4000
Dimension: 40X28X135 mm
Weight: 274 g

The Checker is comprised of stainless steel case and it is waterproof. There is a memory integrated chip inside to keep the information that the Patrol Stick will collect. It doesn't require the power so no wire is required as well.

Specification:

Environment Temp.: -25—80 C
Dimension: 58X20 mm
Weight: 108 g

The Controller is normally sitting in the supervisor's office. Its function is to collect data from each Patrol Stick after the guards are off duty. It connects to a PC. A report can be printed out when a stick sits on the Controller.

Specification:

Working Voltage: 9V DC
Dimension: 155x98x55 mm
Weight: 210 g

The Attendance Key is working as an I.D. of each guard. Before the guard is on duty, he must touch the Patrol Stick with his Attendance Key so that the report will be indicated his name or code.

The Event Key is similar to an Attendance Key. But each code of key would represent an event, such as "Normal" or "Event" for recording the time and event happening during the patrol such as "Have Gasoline", "Electric Lamp broken" etc.

The software is used for setting up the function in each site. It sets up the parameters, patrol site, personnel management and data processing format. It will show the status of each guard, such as normal, late for work, ahead of schedule, fail to inspect, etc. The report format can be made based on user's requirement.

The Computer is a normal PC with min. configuration.

4. Approvals

- CE Certification of Compliance
- ISO 9001 Quality Certificate
- Hong Kong International New Product & New Tech Fair Golden Prize
- National Anti-Explosion Certificate

5. Patrol Report

Security Guard	Patrol Place	Plan Time	Patrol Time	Plan Interval	Interval	Patrol Event	Status
A	MAINDOOR	2/12/2004 14:58	2/12/2004 9:53		5:05:00		No Patrol
B	GARDEN	2/12/2004 14:59	2/12/2004 9:53	0:01:00	0:00:00	FIRE	Normal
C	PARKING	2/12/2004 15:00	2/12/2004 9:54	0:01:00	0:01:00	RUBBER	Normal
D	CLUB	2/12/2004 15:01	2/12/2004 9:54	0:01:00	0:00:00		Normal
E	SWIMMING POOL	2/12/2004 15:02	2/12/2004 9:54	0:01:00	0:00:00	RUBBER	Normal
F	ELEVATOR ROOM	2/12/2004 15:03	2/12/2004 9:55	0:01:00	0:01:00		Normal

6. Reference projects (Partial) in Thailand

- Samitivej Hospital, Sukhumvit 49
- Samitivej Hospital, Srinakarin
- Nestle's Factory, Cha Cheng Chao
- All Around Samui Island by Guard Force Security Company
- Hua Hin Bontique Resort
- Group 4 Flack Thailand Ltd.
- Chubb (Thailand) Limited
- ABAC University, Bangna
- Phrayathai Plaza Bluding