Guard Tour Checking System

TouChecker+

TC-200

F.B Automation

What is Guard Tour System?

Guard Tour System is for,
Monitoring and managing security guards in the most efficient way.

Guard Tour System is used in,
Government Buildings, Office Buildings, Banks, Plants, Factories, Hotel, Resorts, Shopping Malls, Convention Centers, Schools, Department Stores, Apartments, Airports, Railways etc.

Guard Tour System can,
Monitor and Manage security guards via the working report.
Manage and inspect buildings to prevent accident or fire.
Monitor confidential sites by Military and Police.
Offer exclusive security service for clients.

Why Guard Tour System is necessary?

1. **Easy** to evaluate security guards
2. **Increase** working efficiency
3. **Reduce** security budget

Before

After

Use
Guard Tour System

Before	Working Duties	After
Unclear	**Working Duties**	**Clear**
Not Measurable	**Working Efficiency**	**Measurable**
Increasing Budget	**Security Budget**	**Reducing Budget**

Why TouChecker+?

TouChecker+ is the **No.1** Guard Tour System in the world.

Only TouChecker+ Offers,

iButton™ & RFID Tag Dual Checking

Checking on contact iButton™ & non-contact RFID Tag.
Able to use all different places with iButton™ & RFID Tag.

Robust and Waterproof Body

Robust and waterproof body made of Polycarbonate guarantees reliable resistance.

Quick Charging and Long Battery Life

Charging is performed during data transmitting.
Rechargeable Li-ion battery can be used for 100days till the next charging.

Vibrating Pulse

Both checking sound and vibrating pulse reminds a user of checking performance.

Competitiveness of TouChecker+

1. iButton™ & RFID Tag Dual Checking

TouChecker+ can be used in all different places with iButton™ & RFID Tag.

iButton™ Checking
Contact Checking on iButton™
- Waterproof
- No battery needed
- Able to attach on metal
- No frequency interference

RFID Tag Checking
Non-contact Checking on RFID Tag
- Waterproof
- No battery needed
- Able to hide inside the wall
- Able to use in dusty and oily places

Competitiveness of TouChecker+

2. Robust and Waterproof Body

Robust and waterproof body made of Polycarbonate guarantees reliable resistance.

Robust and Waterproof Polycarbonate Body

Reliable resistance and waterproof.
Passed Free Drop Test certificated by Korea Testing Laboratory.

TouChecker+ is authenticated by international experiment organization in Free Drop Testing.
The resistance of TouChecker+ is guaranteed by official government organization.

Competitiveness of TouChecker+

3. Quick Charging and Long Battery Life

Highly efficient battery charging and long battery life.

Efficient Quick Charging

**Charging & Data Transmitting is performed together.
Able to save charging time.**

Long Battery Life

**Rechargeable Li-ion battery.
Able to use 100days till the next charging.
Max 10,000 events storage.**

Competitiveness of TouChecker+

4. Vibrating Pulse

Both checking sound and vibrating pulse reminds a user of checking performance.

Vibration and Sound

TouChecker+ makes sound and vibration with checking.
Vibration reminds a user of checking in loud places.

Comparison with Competitors

	TouChecker+	Others
Checking Method	Both iButton™ and RFID Tag	Only iButton™ or RFID Tag
Memory	Rewrite up to 1,000,000 EEPROM	Rewrite up to 100,000 Flash Memory
Battery	Li-ion rechargeable battery Able to keep using	Lithum disposable battery Need to keep purchasing
Material	Polycarbonate Light & High resistance	Aluminum Heavy & Easy abrasion
Vibrating Pulse	Vibration Included	Vibration Excluded

Most Efficient, Functional and Reliable No.1 Guard Tour System

How to use TouChecker+?

1. Checking
With the Checking Machine,
Security guards check on the checkpoint in a guard tour course.

2. Storing
The Checking Machine collects and stores data
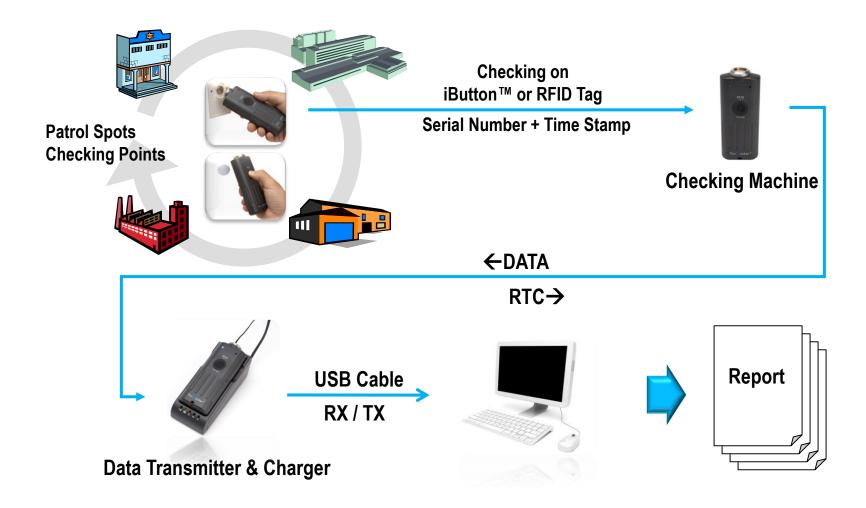including a time, date, security guards and checkpoint.

3. Transmitting
Data from the Checking Machine is transmitted
to the computer via the Data Transmitter,
and shows Guard Tour Report.

TouChecker+ Work Flow

Checking on
iButton™ or RFID Tag
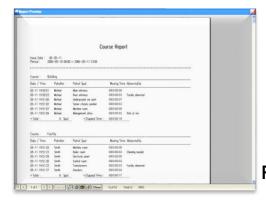
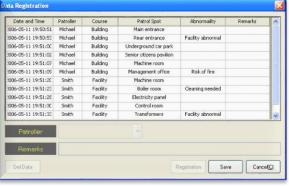Serial Number + Time Stamp

**Patrol Spots
Checking Points**

Checking Machine

←DATA

RTC→

USB Cable

RX / TX

Data Transmitter & Charger

Report

TouChecker+ Operation Program

Code Registration
- Patroller
- Patrol Spot
- Patrol Course
- Exception and Disorder
- Abnormality

Patrolling

Data Transmitting

Data Uploading & Registration

Report Printout

Product Configuration

Composition of TouChecker+

1. Checking Machine
2. Data Transmitter & Charger
3. Carrying Case
4. Power Adapter
5. Communication Cable
6. Operating Program CD
7. Checkpoint Chip

Product Specifications

Checking Machine

TCR-200

Material	Polycarbonate
Dimension (W×H×D)	50x128x25 (mm)
Weight	154g
Memory Capacity	128Kbyte EEPROM
ID Storage Capacity	10,000 points (ID + Time & Date stamp)
LED Visual Indicator	Able to indicate LED with check and alarm status
Battery	Li-Ion Battery (3.7V/1,050mA)
Temperature	- 10 ºC~ 54 ºC

Product Specifications

Data Transmitter & Charger
TCB-200

Material	Polycarbonate
Dimension (W×H×D)	64×142×55 (㎜)
Weight	120g
Data Transmission	Docking Concept
Recharging Method	Docking with TCR-200 (Li-ion Battery)
Power Adapter	AC 100V~240V
Communication	RS-232, Baudrate 38,400 bps USB 1.1

Product Specifications

Checkpoint iButton™/Bracket
TCP-200

Material	**Memory chip inside** **Button-shaped** **Waterproof**
Dimension (W×H×D)	**16.3 diameter x 5.9(mm)**
Weight	**2.3gr**
Battery	**None**
Storage	**Unique 64bit serial number (read only)**

Product Specifications

Checkpoint RFID Tag
TCF-200

Material	**Memory chip inside** **Button-shaped** **Waterproof**
Dimension (W×H×D)	**35.0 diameter x 1.9(mm)**
Weight	**2.7gr**
Battery	**None**
Storage	**Unique 34bit serial number (read only)**

Application Areas

General Area

- **Guard Tour Management**
- **Facility Inspection**
- **Access Control**

Buildings   Shopping Mall   Hotel & Resort   Apartments

Industrial Area

- **Facility Safety Check**
- **Production Line Check**

Power Plant   Factory   Hospital   Construction

Public Area

- **Regional Patrol Management**
- **Facility Maintenance etc**

Police Office   Military   Post Office   Government Bldg