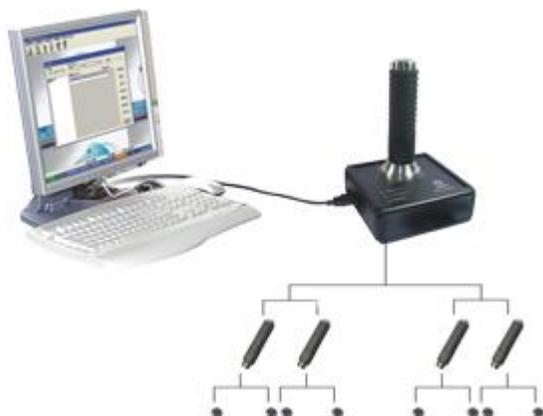# Touch Guard Tour System

**System components**

1. Reader
2. Downloader station
3. iButtons
4. Plastic holder (for the iButtons)
5. Guard ID key fob
6. Event wallet (optional)
7. Software

This unit is a very popular product on the market. Small-sized, durability, and low power consumption are its biggest advantages. With unique design and special adhesive, it is total waterproof. The unique design that there is not any screw on the surface makes it super durable. One 3V lithium battery can read buttons 350000 times continuously. If you need a dependable, tamper-proof data collection system, our system is the obvious choice.

**complete waterproof**

A.BELTRAN IKE

## READER  Features

Durable stainless steel case with rubber outer Shell, super durability brilliant exterior design, small-sized, light and easy carrying, with special waterproof pad and adhesive in the reader, completely water resistant. No screws on surface, sabotage resistant, shock proof and easy maintenance LED flash prompt at the touch of the button. Real time internal clock. 7200 records storage capacity. Low power consumption. Long battery life, 350000 continuous reads

### Technical Information

|  |  |
| --- | --- |
| Physical | Durable stainless steel case with rubber outer shell |
| Dimensions | 113mmx28mm |
| Weight | 140g |
| Operating Temperature | -45°to +85°C |
| Humidity | 5% to 95% non-condensing |
| Memory | 256Kb RAM |
| Storage Capacity | 7200 button reads |
| Battery | 3.0 V Lithium Battery,350000 continuous reads |
| Communications | USB port downloader station |
| Prompt Means | LED flash prompt |

## MEMORY BUTTONS Features

Touch Memory Buttons are electronic memory chips contained in small water-resistant stainless steel canister. All Touch Memory Buttons (TM card, iButton) contain a unique ID number that is unalterable and identifies each button. The Touch Memory Button's stainless steel container protects the memory chip and provides an electrical path for communication with the reader. The top of button is connected to the enclosed memory chip circuit, and the bottom and sides provide a signal ground. When you touch a button with the reader, an electrical connection is established & data is transferred instantly. You can attach buttons to virtually anything by using permanent adhesive pads, mounting brackets, or key ring tabs.

### DOWNLOADER STATION Features

The downloader station provides the communication link between the reader and the computer. With available communication speed of up to 19200 baud read, downloading a reader to your computer takes only a few seconds.

**Technical Information**

| | |
|---|---|
| Dimensions | 4.0″x4.0″x1.8″(102mmx102mmx42mm) |
| Weight | 7.4 ounces (210g) |
| Power Supplies | 120v, 60Hz, 220v, 50Hz |
| Indicator Lights | Power, Transmit, and Receive |
| Connection Ports | Computer and Power |

**Hardware quick start guide**

1. The patrolling guard takes the reader and touches his own Guard ID to identify himself with the system.

2. The guard will then proceed to the designated stations and touch the installed station iButtons accordingly. The data and time will be recorded in the reader for every station touching.

3. After patrolling, the guard will hand it over to the supervisor who will upload patrolling data to software via downloader station and have a data analysis and management.