



Static Data Capture

Solo TimeBox



Solo TimeBox, from Mobile-e-Solutions Ltd provides the equivalent of a “Clocking-In” machine, to capture the arrival and departure of staff from a fixed point.

This is in effect, a static mobile phone type of device with a very limited function. It is a typical ‘touch & go’ application that can record staff going into and out of client’s sites.

The TimeBox equipment is normally located in the reception area of your clients premises. Members of staff will have their own personal RFID tags and will touch the front panel and then press the IN or OUT button.

There are 6 additional buttons that can be tailored for individual applications to capture site specific information (i.e. like a computer check box).

A typical example of how TimeBox could be deployed could be for Office Cleaners, whereby a TimeBox is placed inside the office entrance and cleaners touch it with their tag when arriving and leaving.

Each TimeBox will need its own unique SIM Card for operation. All data is transmitted to our normal back end database for immediate interrogation.

Solo TimeBox is easily installed as it merely needs to be fixed to a wall, and is mains powered for ease of use.

Solo TimeBox makes it easy for you to deploy an application to monitor WHO arrived/left a particular site and WHEN.

“Static data capture made simple”

Technical Details

General

- ABS/PC plastic casing
- GSM / GPRS / SMS quad band 850/900/1800/1900 MHz, integrated antenna, automatic switching between bands
- NFC 13.56MHz, integrated antenna, ISO14443A/B, ISO18092, Mifare
- (RF 433MHz, integrated antenna, code hopping wireless relay control)

Size / Fixings

- Weight: 500g
- Dimensions: 160mm x 130mm x 60mm
- Colors: Grey
- Fixings: to wall via 4 internal screws

Power Management

- Charger: for INSIDE use only, 5 – 7v / <800mA, input: 110 – 230v AC
CE certified, available with plugs for EUR, UK, and US
- Backup battery: 3.7v / 900mA, full operation ~ 2 hours, battery low alarm, CE cert.
- Mains consumption under normal use < 2w

Data management, Data transfer, Connectivity

- Data backup to internal memory and resending when GPRS is available
- OTA (over the air) software update
- SMS text messages (in and out)
 - GPRS and product initialization
 - Remote stamping
 - OTA software update starting
 - Data transfer backup
- GPRS, multi-slot class 12, max 48kbps
 - HTTP push and pull; client starts the data transfer
 - HTTPS is not supported yet
 - SOCKET, API based connection (push and pull; client starts the data transfer to the server)
 - Email (SMTP, client only)

Operating Temperature

- 0°C to +50°C in normal use
- -30°C to +50°C with optional internal heater and special 6vDC / 2A charger

User Interface (basic version)

- NFC tag reader
- IN / OUT buttons and application specific buttons A, B, C, D, E, F
- SMS remote time stamping (user sends an SMS to the terminal)
- Green logo led indicates that the terminal is ready
- Traffic lights (red, yellow, green) form a tag reading sequence guide
- Buzzer and vibration confirmation signals

Please Note

Solo TimeBox for Static Data Capture from Mobile-e-Solutions Limited utilises software supplied by Reslink Oy, a Finnish based mobile technology company. Mobile-e-Solutions Ltd is an Authorised Partner and Distributor of their products in the UK. Copyright to the information contained in this brochure resides and remains with Reslink Oy in Finland (details can be supplied on request).

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