

# Televend

SMART VENDING

## Quick installation guide

---

Basic step by step cloud and box manual

*ver.2.3 date: 03.11.2016.*

## Content

---

1	Cloud log in .....	3
2	Input basic data to cloud .....	3
3	Create machine on cloud.....	3
4	Add Televend configuration & Choose payment systems.....	4
5	Add products to machine .....	5
6	Plug in Antenna to the box .....	5
7	Plug in the box to machine and payment system .....	6
8	Machine Online – push product list .....	8
9	Basic test check.....	8
10	Televend buttons.....	9
10.1	Selling (normal) mode – confirmation of visit actions .....	9
10.2	Button functions in Service mode .....	10
10.3	LEDs .....	11

## 1 Cloud log in

Log in to the cloud with given credentials. Recommended browsers are Google Chrome or Mozilla Firefox.

- Link: <http://televendcloud.com/en/login>
- Username: your e – mail
- Password: your given password

## 2 Input basic data to cloud

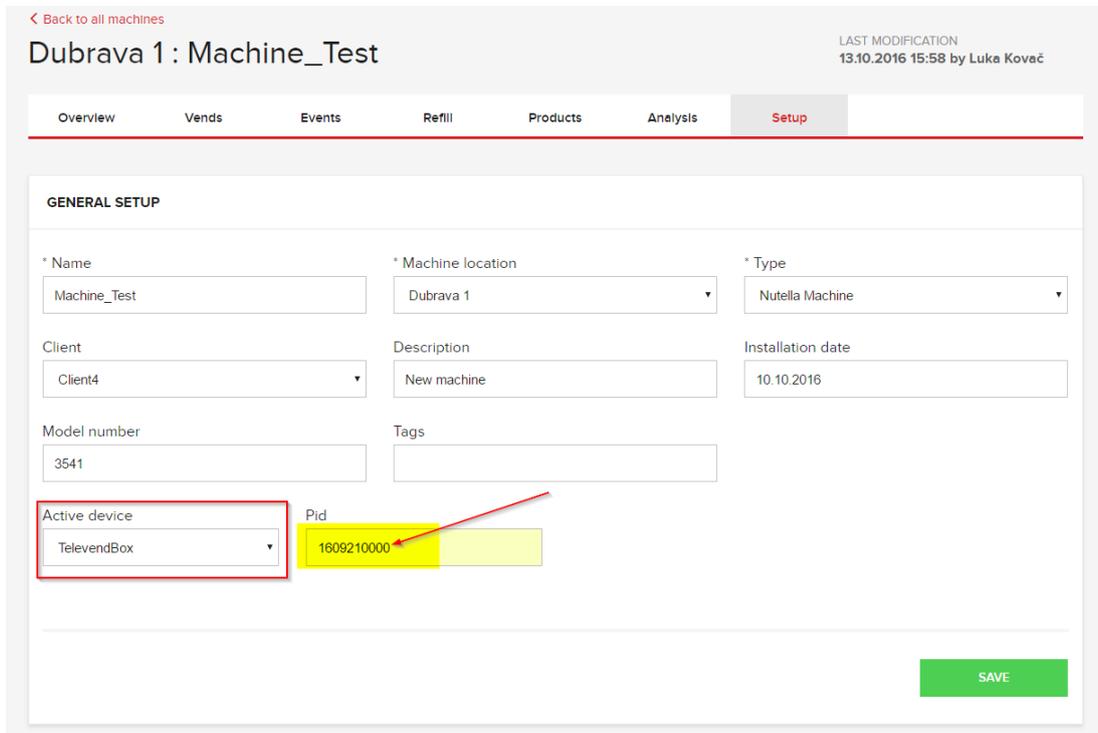
When logged in go to “ADMINISTRATION” and create the following in this order > Region, Location, Tax Rate, Products.

If you have a coffee product first create Components – for example Sugar, Cups, Coffee beans etc. When creating a coffee product click “Add recipe”.

## 3 Create machine on cloud

Before connecting the box to the machine create the machine on cloud in Administration > Machines > “Add new machine”.

In machine settings PID is the serial number printed on the Televend box.



< Back to all machines

### Dubrava 1 : Machine\_Test

LAST MODIFICATION  
13.10.2016 15:58 by Luka Kovač

Overview Vends Events Refill Products Analysis **Setup**

**GENERAL SETUP**

\* Name: Machine\_Test \* Machine location: Dubrava 1 \* Type: Nutella Machine

Client: Client4 Description: New machine Installation date: 10.10.2016

Model number: 3541 Tags:

Active device: TelevendBox Pid: 1609210000

SAVE

## 4 Add Televend configuration & Choose payment systems

In Televend configuration select wanted Televend operation mode Brain, MDB brain, EXE brain etc.

**TELEVEND CONFIGURATION**

**General** [Show advanced options](#)

**Operation Mode**

- MDB Brain
- Off
- Brain
- MDB Brain**
- Executive Brain
- Cashless
- Executive Sniffer

Price Mode: Price Hold

Vend Type: Single Vend

Max credit: .0

Failed Vend Refund: Return Credit

Scroll below to choose active payment systems:

**Payment system** [Show advanced options](#)

**Coin Charger Mode**

Vend and recharge

Maximum change: 20.00

Tube level warning: 7

**Bank Note mode**

Vend and recharge

Enable Escrow:

**Cashless 1 Mode** **Eg. key system**

Vend only

Recharge limit: 0

**Cashless 2 Mode** **Eg. Credit card reader**

Disable

Recharge limit: 0

**T-wallet**

Disable

Use pin: On

Recharge limit: 0

## 5 Add products to machine

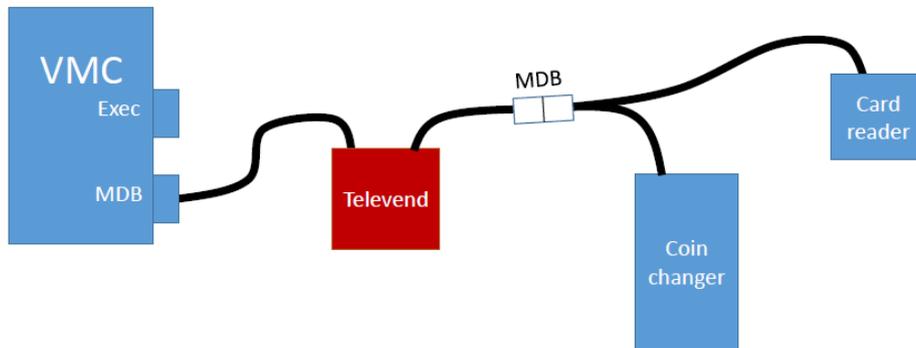
Add products which you have created in the first step to the machine in products tab. Note: column numbers must match the selections (button numbers) defined on the machine. For example:

COL	PRODUCT	RECIPE	TAGS	MIN. PICKUP	CAPACITY	NOTIFICATION QTY	DEFAULT FILL QTY	PRICE	ACTIONS
1.	 Kratka kava - espresso	Default		-	-	-	-	0.00	 
2.	 Duga kava - espresso	Default		-	-	-	-	2.00	 
3.	 Macchiato - espresso	Default		-	-	-	-	3.00	 
4.	 Cappuccino - espresso	Default		-	-	-	-	3.00	 
9.	 Macchiato	Default		-	-	-	-	3.00	 
10.	 Cappuccino	Default		-	-	-	-	3.00	 

## 6 Plug in Antenna to the box

## 7 Plug in the box to machine and payment system

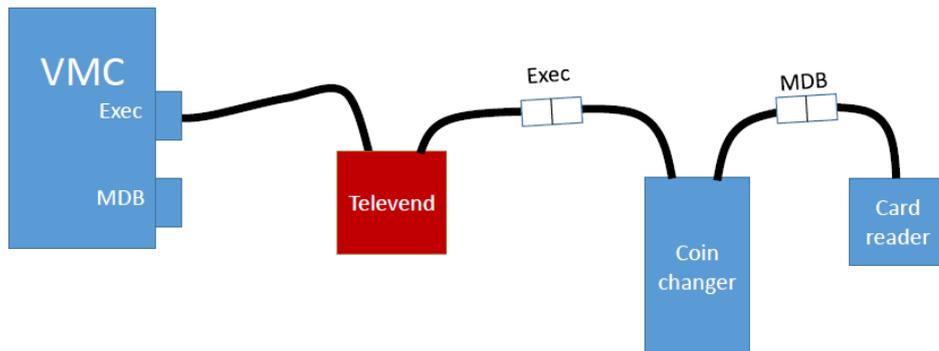
### MDB brain:



#### Recommended settings of machine and box:

- Make sure machine and payment systems are set to MDB
- In this configuration machine recognizes Televend box as cashless device – make sure cashless is enabled in the machine settings
- Recommended price setting of Televend box is “Price on VMC”

### EXE brain

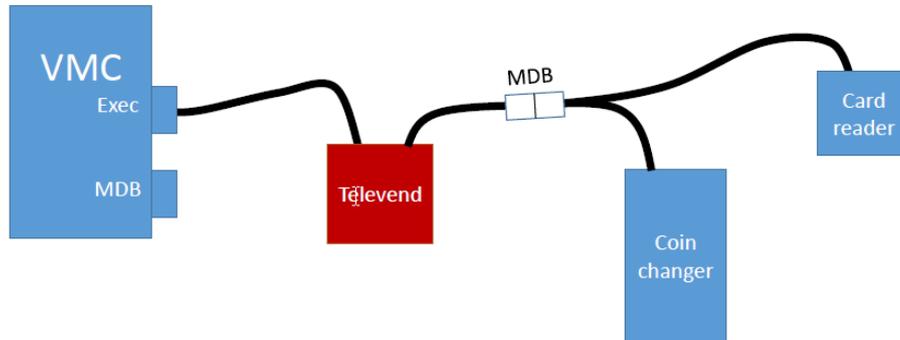


**NOTE!** – AC CABLE (power supply) also needed in this configuration

#### Recommended settings of machine and box:

- Make sure machine and payment systems are set to EXE
- In this configuration machine recognizes Televend box as a coin changer – make sure coin changer is enabled in machine settings
- Recommended price setting of Televend box is “Price hold display”

**BRAIN:**



*NOTE! – AC CABLE (power supply) also needed in this configuration*

*Recommended settings of machine and box:*

- Make sure machine is set to EXE and payment systems are set to MDB
- In this configuration machine recognizes Televend box as a coin changer – make sure coin changer is enabled in machine settings
- Recommended price setting of Televend box is “Price hold display”

*NOTE: In EXE brain and BRAIN configuration, in some machines prices and selection numbers need to be defined like following in order to control prices over cloud and dial selections:*

Selection	- Pricelist num.	Pricelist num.	- Price
1	1	1	0.01
2	2	2	0.02
Etc...	Etc..	Etc...	Etc..

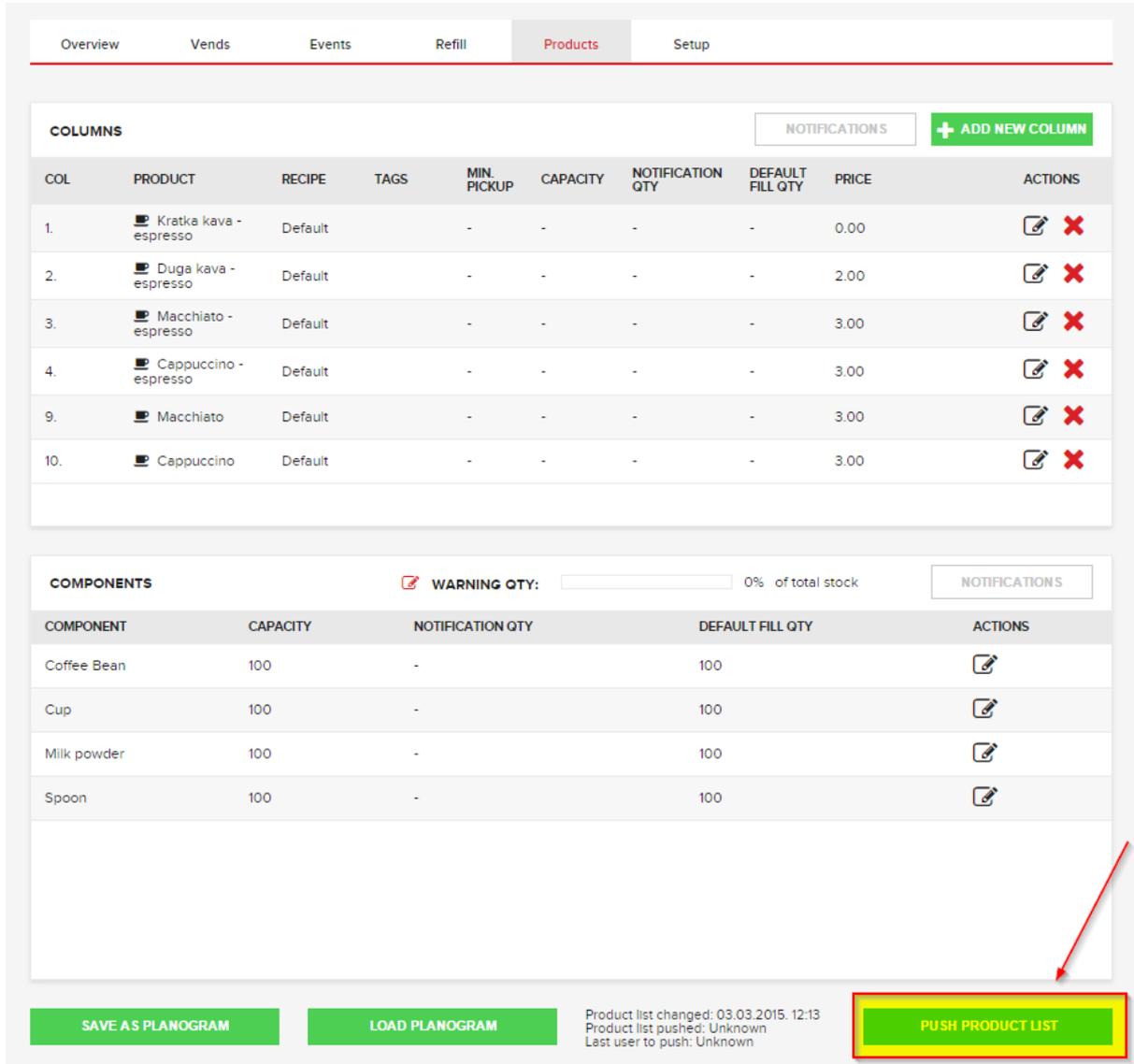
**IMPORTANT MECHANICAL PROTECTION NOTES:**

Take care of mechanical stability, avoid placement near heat sources, enable free air flow, protect box and cables from dripping liquids, ensure that box is galvanically isolated from all metal parts of the machine and from other devices, arrange cable traces to avoid any stress to cables, find position for antenna which is distanced from metal parts as much as possible and ensure proper mechanical stability, **cables connection and disconnection must be done only in power-off** condition of the cables.

If box is used with AC power supply be sure that power supply has overcurrent protection while otherwise use Televend-cable with built-in overcurrent protection.

## 8 Machine Online – push product list

When you get online status on the cloud & the blue lamp on box is stable blue – go to the machine in cloud in „PRODUCTS“ and push product list. Check in events when the product list is successfully downloaded to the machine.



The screenshot displays the 'Products' management interface. At the top, there are navigation tabs: Overview, Vends, Events, Refill, **Products**, and Setup. Below the tabs, there are two main sections: 'COLUMNS' and 'COMPONENTS'.

**COLUMNS Table:**

COL	PRODUCT	RECIPE	TAGS	MIN. PICKUP	CAPACITY	NOTIFICATION QTY	DEFAULT FILL QTY	PRICE	ACTIONS
1.	Kratka kava - espresso	Default		-	-	-	-	0.00	[Edit] [X]
2.	Duga kava - espresso	Default		-	-	-	-	2.00	[Edit] [X]
3.	Macchiato - espresso	Default		-	-	-	-	3.00	[Edit] [X]
4.	Cappuccino - espresso	Default		-	-	-	-	3.00	[Edit] [X]
9.	Macchiato	Default		-	-	-	-	3.00	[Edit] [X]
10.	Cappuccino	Default		-	-	-	-	3.00	[Edit] [X]

**COMPONENTS Table:**

WARNING QTY:  0% of total stock

COMPONENT	CAPACITY	NOTIFICATION QTY	DEFAULT FILL QTY	ACTIONS
Coffee Bean	100	-	100	[Edit]
Cup	100	-	100	[Edit]
Milk powder	100	-	100	[Edit]
Spoon	100	-	100	[Edit]

At the bottom of the interface, there are three buttons: 'SAVE AS PLANOGRAM', 'LOAD PLANOGRAM', and 'PUSH PRODUCT LIST'. The 'PUSH PRODUCT LIST' button is highlighted with a red and yellow border. A red arrow points to this button. Below the buttons, there is a status message: 'Product list changed: 03.03.2015. 12:13', 'Product list pushed: Unknown', and 'Last user to push: Unknown'.

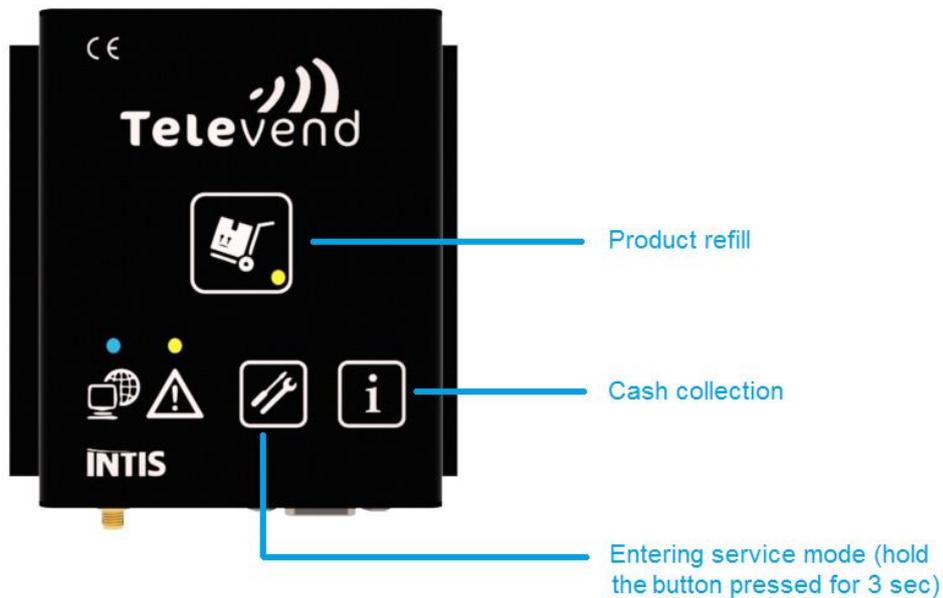
## 9 Basic test check

- Sales – buy something on machine and check vend list on cloud.
- Cash collection – create cash collection route on the cloud and check Cash flow on cloud after pressing “I” button on the box
- Create refill route and fill the machine
- Events – check event list on cloud.

## 10 Televend buttons

### 10.1 Selling (normal) mode – confirmation of visit actions

#### Button functions



#### 10.1.1.1 Cloud Prekitting or Real time routes:

**IMPORTANT NOTE!** In this model button press is taken into account and visit confirmed only if route on cloud is created. Outside route presses won't be taken into account.

 - **Machine refill** – refill if refill route only; refill and cash collection if combined route

 - **Cash collection** – Cash collection if cash collection route only; refill and cash collection if combined route

#### 10.1.1.2 Mobile routing or no routes:

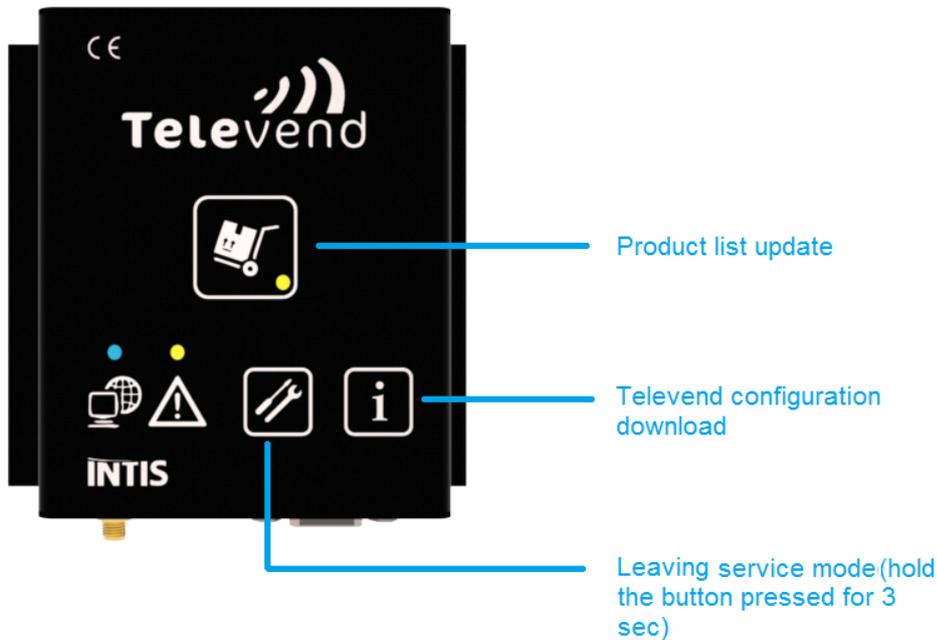
**IMPORTANT NOTE!** In this model button press is taken into account every time it is pressed.

 - **Machine refill** – refill confirmed

 - **Cash collection** – cash collection confirmed

## 10.2 Button functions in Service mode

### Button functions - Inside Service mode

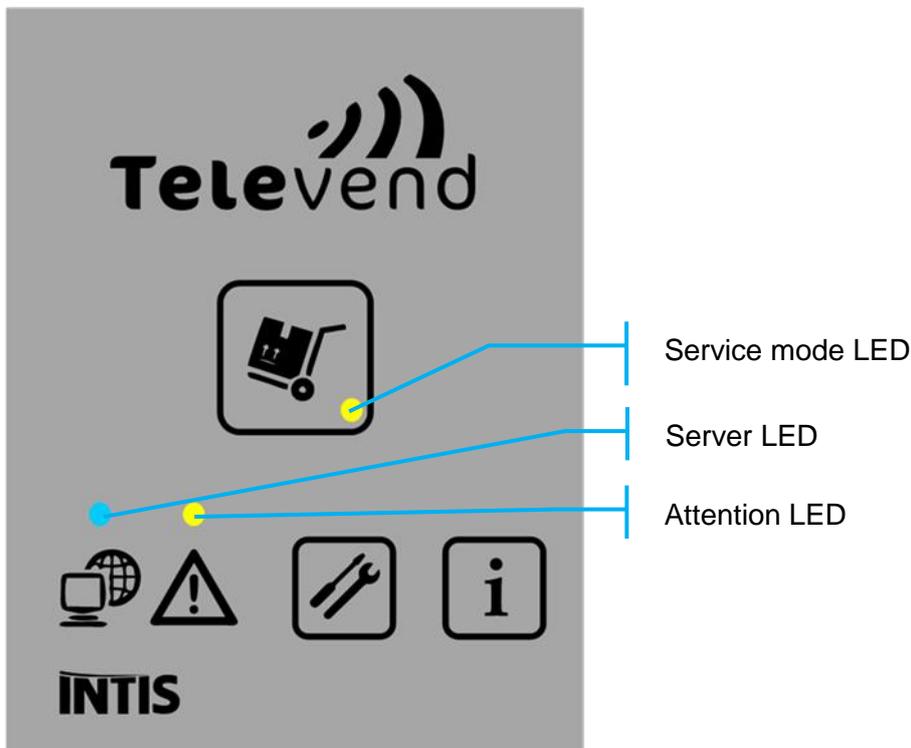


To enter or exit the service mode, button  has to be held for 3 seconds. While in service mode, the Service mode LED is blinking, and the buttons have different actions

 - **Configuration download** – then exit service mode (3 sec again) NOTE: restart of the box will also pick up the configuration from the cloud.

 - **Product list download** – then exit service mode (3 sec again) NOTE: it is also possible to push product list online.

### 10.3 LEDs



#### 10.3.1.1 Server LED

Server LED gives the status of GSM and GPRS connection. There are 5 statuses:

- |                                                         |     |
|---------------------------------------------------------|-----|
| 1. Modem                                                | off |
| <b>OFF</b>                                              |     |
| 2. Connecting to the GSM network                        |     |
| <b>ON__1sec__OFF__1sec__</b>                            |     |
| 3. Connecting to the GPRS                               |     |
| <b>ON__0.5sec__OFF__0.5sec__ON__0.5sec__OFF__1sec__</b> |     |
| 4. Connecting to Cloud                                  |     |
| <b>ON__0.5sec__OFF__0.5sec__</b>                        |     |
| 5. Connected to Cloud                                   |     |
| <b>ON</b>                                               |     |

#### 10.3.1.2 Attention LED

LED blinking fast – Televend sends data, keyboard input is disabled

LED blinking slow - Televend waiting for Cloud response, keyboard input is disabled

#### 10.3.1.3 Service mode LED

Blinking while Televend is in service mode