



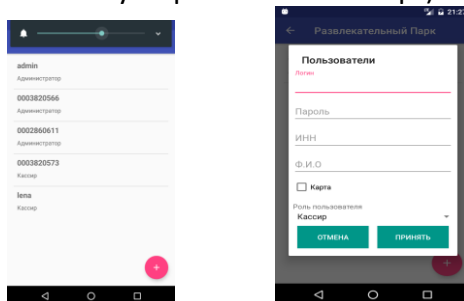
Quartech

Amusement Park Mini User Guide for Smart Terminal Version 2.4

You can enter configuration mode from the main application window by clicking the "Configuration and reports" button

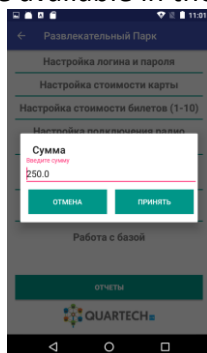
Login and password settings

In login and password setup mode, you can get the user by both login password pair and contactless card. By default, the system already has a user with the administrator role. The username and password for this user is "admin". At the user's institution, you can set the user role (by default, "cashier"). The administrator functions are available to the user for sale / issue: the system card. When scanning a card in the user institution dialog, the "card" check box is believed to have been configured and will log in later. Before scanning the card, it is necessary to establish the necessary user role, it is also necessary to indicate the TIN and the name of the cashier (this is necessary to print on the receipt).



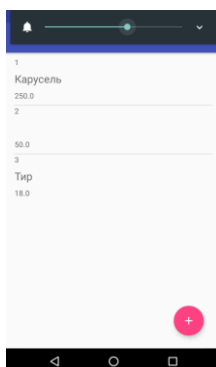
Card cost settings

When you select this item, the dialog box for setting the sale price of the card value appears. If the cost is not completed, the item "Sell card" will not be available in the main operations menu. You can use 0 cost.



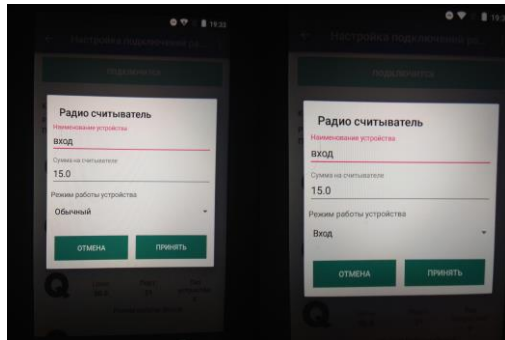
Card cost settings

Set ticket prices. To add a new ticket, you must click the red button with a plus sign and in the window that appears, enter the name and price of the ticket. Suppose you enter only the cost in this case, the ticket will be printed on the "cost" of the ticket. If you do not fill out the ticket list, the ticketing function will not be available in the main menu.



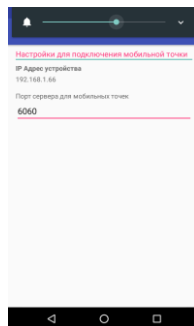
Set up radio reader connection

It is the setting to connect radio readers to configure the parameters to connect readers: the cost of turning on the device or linking special functions, such as entering and leaving a fenced area (a maze of games or a playground)



Set up a mobile point of sale connection

Configure the mobile point is used to configure the connection settings of the mobile point to the terminal. At the moment, work in this mode is only available on the local network (it does not work through the GSM network). In the configuration window, we can see the IP address of the terminal (necessary for configuration at the mobile point) and the port on which the terminal receives requests from the mobile point. The port can be changed to any convenient.



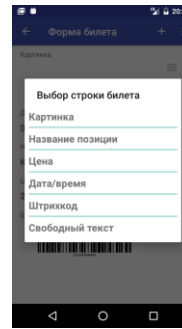
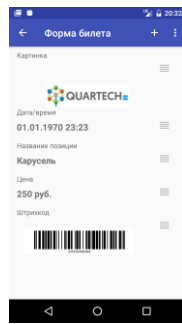
Ticket Form Configuration

In the ticket form edit mode, you can create or change the location of the fields on the printed ticket form. Given the limitations of the platform, you can only change the sequence of fields. The fields in the ticket form are added through the "+" sign located in the title bar. The ticket form is shown in figure "".

Variants of form fields are shown in Figure "". Let's look at the options for form fields:

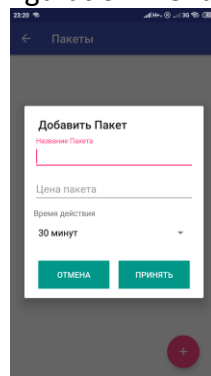
- Image: allows you to insert a logo or other image in the ticket form. The image is preferably black and white without halftones (possible with them, but when printing thin, light-colored elements, they may not print).
- Name of the position: the name of the ticket in the form of a ticket, the name is given as an example. When printing a ticket, the name of the selected position is printed.
- Price - Ticket price. When the impression is taken from the selected position
- Date / time: date and time when the ticket was printed.
- Bar code: barcode of the ticket number. It is used to process in a mobile control point or QUARTECH access control system.
- Free text: any free text of the user.

In ticket form, fields are added sequentially when added, but can be swapped by dragging up and down for the item located on the right side of the position. You can delete a position by "sliding" left or right. In the "Image" and "Free Text" positions, you can change / set the values. For this, you need to long press the element. After that, enter your text in the dialog box. In the "Image" position, a long press causes the system to open the open file window. All files with the image type are displayed wherever they are. Therefore, to transfer an image file from an external SD card to the program, it is sufficient to write the desired file in any size in the format - jpg or png (the recommended size is still 320x90 monochrome, or within these limits). After selecting an image, it will be transferred to the internal storage of the Terminal and added to the ticket.



Packages

In the application, it is possible to set the cost and duration of service "packages" (used to go to "fenced areas", for example, children's entertainment areas). In this menu, you can set the cost and time multiple of 0.5; 1; 2; 3 hours or 1 day, so in this menu, you can choose one of the packages to use as a Subscription. To configure a rate as a subscription, see the configuration menu. The default subscription is set to 10 hours.



Display settings for system buttons

In this menu, you can configure the display of the system buttons on the main menu.

Set up discount coupons

Discounts can be adjusted both in percentage and quantity. After using the code, the discount is removed. The discount is applied as follows: when selling the package, the discount coupon is read first. If so, then there is a request again for the customer card, if not, the message "no such card exists" appears. The discount is applied with the package amount or with the surcharge.

Work menu with the base

When working with the database, you can perform the following operations:

- Delete data in the database
- Delete and transfer records from the internal memory of the terminal to the SD card
- Delete and recreate the base completely

When the data is deleted in the database, all the data is erased. For example, users, sales, card information, ticket information. Use this operation only if you no longer need data for the previous period. When deleting records, a request is made to indicate the path to the directory on the SD card where the records will be transferred. If the transfer operation was successful, the records are deleted from the terminal's internal memory and become inaccessible through the reports menu. But you can always see them from the SD card. If the SD card is not inserted or not defined, the ability to delete records is not active. When you delete and re-create the database, the database is completely deleted and created from scratch, including resetting all counters in the tables. Use this operation with caution. This operation is only intended to recreate a damaged database.

Application activation

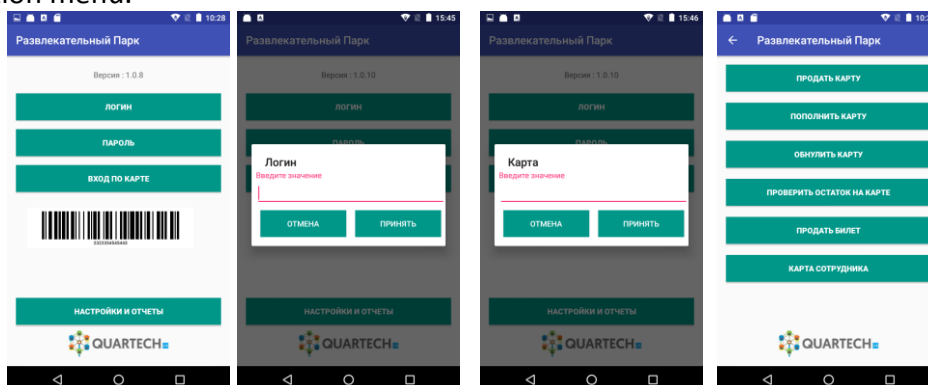
Enter activation code

Cost of exceeding the package time limit

A limit of more than 15 minutes is automatically set, i.e. after a packet time of +15 minutes no penalty is applied, but after a packet time of +15.01 seconds, the penalty amount is automatically removed from the card / bracelet account, if absent, the turnstile blocks the exit until payment. You can configure the excess limit and its cost.

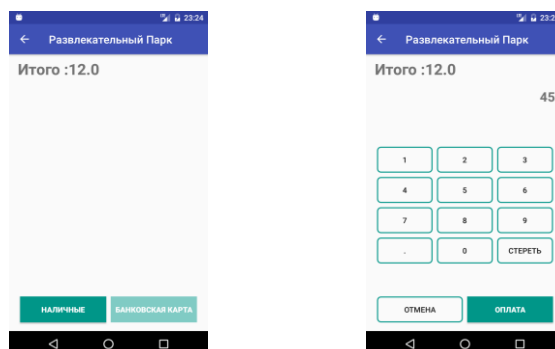
Sign in to the app

To enter the system, you must enter the username / password or read the user card. When entering by username / password, press the "SIGN IN" button and enter the user. Then we press the "PASSWORD" button and enter the password, if everything is entered correctly, the system will go to the main functions menu. By default, the admin user logs in to the app. When you enter the card, simply click on the "LOG IN TO THE CARD" button and read the card as a reader. If the card is installed in the system, the system will go to the main function menu.



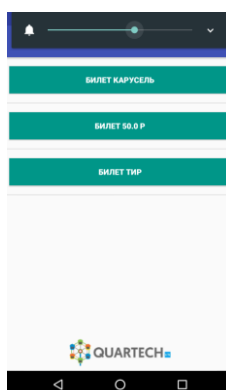
Card / Bracelet Sale

To sell a card / bracelet, in the main menu of the operation, you must click on the button "SELL CARD" and then read the visitor's card, either a USB card reader or a barcode scanner. After that, the screen will open to select the payment type and enter the amount to replenish the customer's account. After a successful operation, the card / bracelet account number will be recorded at the base of the terminal. The card / bracelet currently has an amount of 0 rubles in your account and to start using it you need to replenish the card / bracelet account.



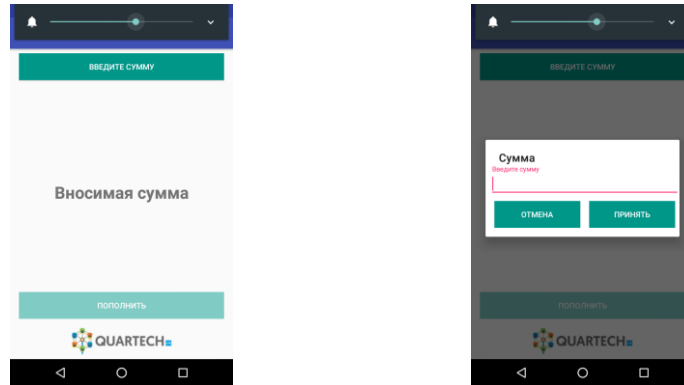
Ticket Sales

To sell tickets, in the main operations menu, click on the button "SELL TICKET". After that, we enter the window to select preset tickets. The ticket is selected by clicking on the corresponding button in the list. After that, the screen will open to select the type of payment and enter the amount of the client (see figure). If the sale is successful, the ticket form is printed. The shape of the ticket can be configured in settings. Tickets are not refunded.



Card / bracelet account replenishment

Card account replenishment occurs when you click the "RECHARGE CARD" button in the main window and is used to deposit money into the card. To deposit the amount, in the "CARD REPLACEMENT" window, press the "ENTER AMOUNT" button and enter the recharge amount in the dialog box. After that, the "RECHARGE" button will be available. When you click the "UPDATE" button, you will be prompted for a card. When reading the card through the reader, you will be directed to the screen to select the type of payment and enter the customer's amount (see the figure). and upon successful completion, the amount will be credited to the card account base.



Card / Bracelet Account Reset

The card is reset to zero when you select the "ZERO CARD" button from the main system menu. Before restarting the card, it must be read using the "CARD" button and a card reader. At the same time, information about the card will be displayed: the card number, quantity, and status. If the card is active and there is money on it, when you click on the "ZERO CARD" button, the terminal's standard return menu will open. As when we reset the card, we make a refund, the following rules apply: If there is money in the ATM / terminal and there is more than or equal to the amount returned, a refund is made and a return check is printed. After that, the funds are debited from the card and the card status changes to "not active". If there is not enough money in the cashier / cashier terminal, the card will not be refunded and will be zeroed accordingly.

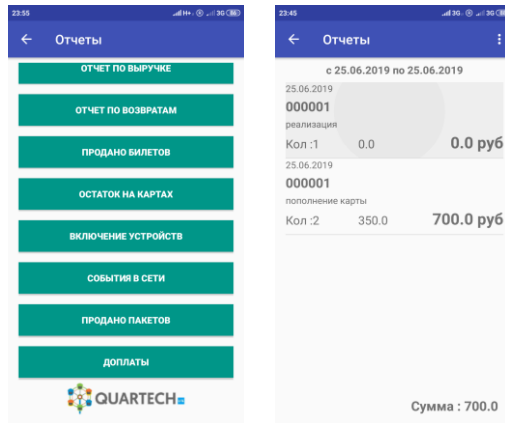


Reports

You can enter the "Reports" window from the login window by clicking the "CONFIGURATION AND REPORTS" button. And in the configuration and reports window, select "REPORTS". The report window is shown in Figure ". The reports include the following reports:

- Income report: the quantity and quantity of tickets, cards sold and replacement cards
- Refund Report - The number and amount of card refunds (zeroing).
- Tickets sold: the quantity and quantity of tickets sold
- Card balance: current card balance
- Turn on devices: turn on attractions
- Network events: a record of actions in the terminal and at the request of mobile points.
- Packages Sold: The number of packages sold for the period
- Surcharges: the amount of excess time surcharges for the period

In reports: Income Report, Returns Report, Network Events - You can set the viewing period.



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Quartech LITE