



NURAIA
ITALIAN TECHNOLOGY

TVM 8850™

Public transport

Ticket Vending Machine Multiservice Payments for public transport

PARKING

Payments for "off-street" or "on-street" parking

BUS

Payments for reserved areas for touristic Bus, with issuing of fiscal receipts and stall declaration.

RESTRICTED AREA

Payments access to restricted traffic area, with the plate number identification and communication to the Service Manager server

TRANSPORT

Payments and issuing of travel tickets for any kind of transport (Tram, Metro, Boat, Railway)

THEATER MUSEUM

Payments and issuing of RF/ID tickets for Theaters and Museum (also IATA standard tickets)

CAR&BIKE SHARING

Payment and issuing of RF/ID tickets for the access to the bike and/or car sharing services

PRESALES

Conversion of presalebooking with issuing of the relative tickets with QR-CODE technology

OTHER PAYMENTS

Through the connection to the server of the Municipality or of other subjects, is possible to pay or sell other services, releasing the receipts of the payment



The **Ticket Vending Machine 8850™** series permits the payment of several services for Mobility, Entertainment and Public Transport. The modularity of the project allows the possibility to install till three different type of printers; With this complete set of printers it's possible to obtain thermal printing of tickets ISO standard, receipt tickets length 82 mm. and IATA format tickets. The monetics groups permit the management of all the banknotes and all kinds of coins. The rest of the payment has been organized on two kinds of banknotes and all kinds of coins. **8850™** presents two different displays: a 27" touch screen monitor for the user interface, a LED display with scroll text useful for service information.

- Housing stainless steel made, with security system to prevent damages and break-in attempts
- Wide 27" touch screen display (with back projection monitor technology)
- Easy user interfacing with Multilanguage instructions and vocal messages (text2speech technology)
- Payments available with banknotes, coins, credit cards, NFC
- Smart Card reader 4 SAM
- Payment rest with banknotes (two kinds) and coins (all kinds)
- Escrow function for the restitution of the same coins inserted by the user
- Issuing of the payment receipt
- Issuing of specific receipt in case of error in the restitution of the money
- Operative System LINUX (Ubuntu)
- Three different levels of access to the cash with the control of the authorized operators, managed with an electronic badge (RF/ID)
- Web interface for the printing of the cash situation on real-time (without dedicated software)
- UPS to maintain the service and to permit the closing of the payment operation in situation of shut-down.
- Access to the reserved area (money) with the use of locks and movement sensors
- Print of reports for any operation of withdrawal and recharge
- LED Display dedicated for service information
- Dedicated area of the display for multimedia messages, remote uploading through a web based platform.
- CCTV with recording on video-server of all the payment operations.



TVM 8850™

Technical Specifications

DIMENSIONS WEIGHT	1.000x1.945x588 (whd) mm. 300 Kg
TEMPERATURE	<ul style="list-style-type: none"> Working -30°C to +50°C Quiescent -25°C to +70°C
POWER CONSUMPTION	220V ac/50Hz (integrated UPS)
ACCESSIBILITY	<ul style="list-style-type: none"> Service internal light Turnable Display to facilitate the service operations Monetic groups mounted on extractable supports. According DDA (Disability Discrimination Act) recommendations.
USER INTERFACE	27" LCD Transflective 1.000cd/m ² Capacitive Touch screen with back projecting technology
HOUSING	<ul style="list-style-type: none"> Steel case Steel door with tempered glass surface 6 mm LED display for information service (optional) Opening permitted only through authorized badge RF/ID Safe lock Integrated sound alarm device (optional)
SECURITY	Different keys for different levels of access, monitored with sensors and with the recording of any operation: <ul style="list-style-type: none"> • maintenance • withdrawal • opening of Cashbox
OPERATING SYSTEM	Linux Ubuntu 10.4
COMUNICATION	LAN , ISDN, USB, WLAN, GSM, GPRS, EDGE, UMTS, LTE
eTICKETING	Intelligent Smart Card reader with 4 SAM for SmartCard 1443 A/B Standard
COMPUTER	<ul style="list-style-type: none"> • Fanless Embedded Box PC High Value with Multiple I/O • Storage external CFast memory • Watch-dog timer • HDMI 1920x1200
PRINTING UNITS	<ul style="list-style-type: none"> • Thermal printer for receipt 82mm with cutter 200dpi 220mm/s • Ticket printer ISO standard with cutter. Fan-folder dual feeder (5.000 + 5.000 tickets) with integrated scanner barcode • Triple-feeder printer for the issuing of IATA format ticket for theater, museum and special events.
CASHLESS PAYMENT	EMV standard Globalcomm 3000 for Credit/Debit Cards management
BANKNOTES ACCEPTOR	<ul style="list-style-type: none"> • Various different banknotes acceptors with dispenser, escrow function for one or two banknotes • Accepts banknotes in all the lengthwise providing best change • Recycler and Cashbox • Additional acceptor to permit a double currency management
COIN PROCESSING UNIT	<ul style="list-style-type: none"> • Electronic checking (magnetic digit) • Multifunction hopper with automatic coin identification • Escrow function (max 25 coins) • Additional hopper to permit a double currency management
BAR CODE SCANNER	Barcode 1D 2D QR CODE
VIDEO RECORDING	Integrated Camera, angle view 180° for recording on integrated video-server of all the payment activities. Easy remote connection.

MULTISERVICE

Issuing of different types of ticket with different types of format. Wide touch screen display, easily customizable to permit the definition of dedicated menus

MODULAR

The modularity of the project permits the configuration of 8850™ according the real operative needs

REMOTE CONTROL

Remote control of the unit through a web interface. Complete reporting of any activity

MESSAGING

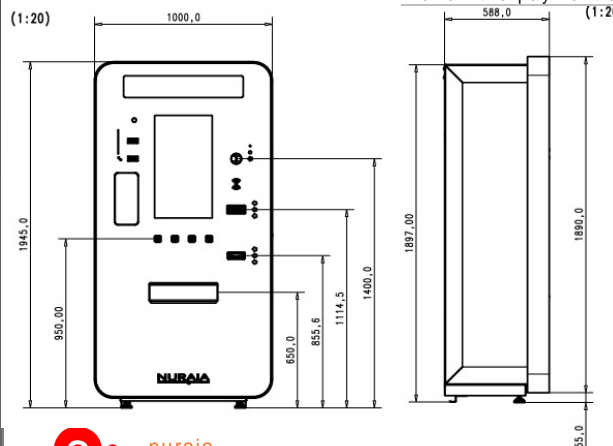
Integrated SMS service to maintain constantly updated a list of defined operators

ADVERTISING

Automatic partition of the screen to permit the remote upload of multimedia messages

For more information on any of our products or services please visit us on the Web at:

www.nuraia.com



SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Hardware Support
- Guaranteed Warranty
- Application Support

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