

CASIO IT-9000

Complete Portable Ticketing Solution



- Web-based back office reporting
- Tailor made reports
- Integrated online booking and mobile app
- Validate e-tickets
- Excellent environmental durability
- Real time ticket and tracking data
- Windows Mobile® 6.5

CASIO IT-9000 - Overview

- The new CASIO IT-9000 is an all-in-one portable ticketing solution for paper tickets, smart cards, 1D & 2D barcode scanning, Chip & Pin card payments
- The IT-9000 features a lithium-ion battery (operating period of 20 hours and more), integrated high speed thermal printer, NFC (smart card) reader and writer, barcode reader with high speed and accuracy, GPS and HSDPA-capable 3G with high speed data transfer and high memory capacity
- The IT-9000 can withstand drops of up to 1.5 metres and features a 3.7 inch colour LCD touch screen which delivers excellent visibility both indoors and outdoors, making it suitable for deployment in challenging environments
- We offer the IT-9000 with a complete bespoke solution with our fully web based reporting and fares management software

CASIO IT-9000 - Benefits

- Issue different types of paper tickets with an integrated high speed thermal printer
- Introducing smart cards can reduce maintenance costs, eliminate cash handling and increase revenue
- Scanning barcodes on board to reduce fraud by validating web bookings
- Increase passenger numbers & revenue by accepting Chip & Pin cards on-site/on-board
- Monitor/analyse ticketing data live and update fares instantly through our web panel
- Track your vehicle using our interactive tracking tool and see passenger load and number of tickets issued live



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CASIO IT-9000

Web Features

Config Compiler

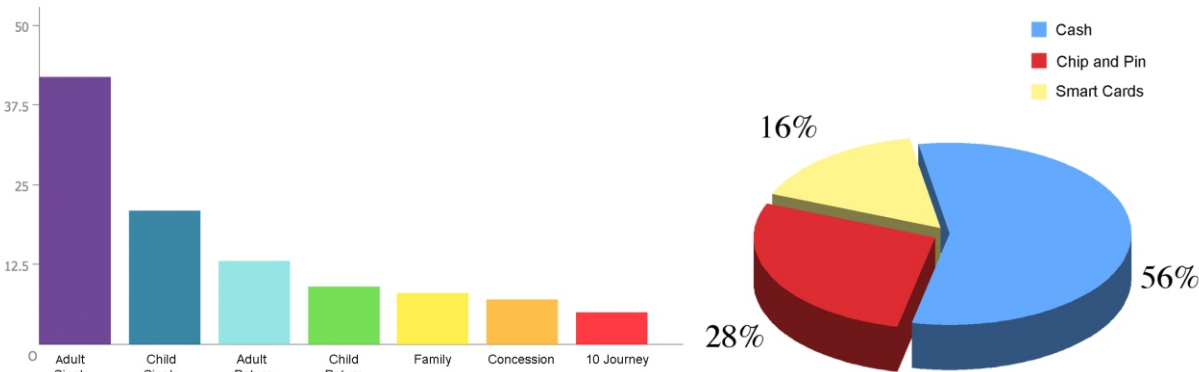
- Web based solution with deployment flexibility
- Manage the products that are to be sold using areas
- Facilitates config testing
- Configure the ticket layouts and content to print for different products
- Create/update driver/operators, products, menus
- Manage the fares, business rules and routes
- Easy and quick to use
- Distribute the new configuration for instant fare update

Route: 999 : Demo Route Product: 1 : Adult Single Save ☐ Fill Area

	1. Stafford	2. Birmingham	3. Coventry	4. Leicester	5. Luton	6. Eastham	7. Barking	8. Woolwich	9. Dartford	10. Slough
1. Stafford										
2. Birmingham	8.00									
3. Coventry	10.00	8.00								
4. Leicester	10.00	10.00	8.00							
5. Luton	12.00	10.00	10.00	8.00						
6. Eastham	12.00	12.00	15.00	10.00	8.00					
7. Barking	14.00	12.00	15.00	15.00	10.00	10.00				
8. Woolwich	14.00	14.00	16.00	15.00	12.00	12.00	8.00			
9. Dartford	16.00	16.00	16.00	16.00	12.00	12.00	10.00	8.00		
10. Slough	16.00	16.00	16.00	16.00	14.00	15.00	10.00	12.00	10.00	

Reporting Software

- Web based reporting solution
- Comprehensive cash reconciliation module
- Standard reports for sales analysis
- Customized reports for bespoke requirements
- View live ticket data using Live Panel
- Daily revenue reconciliation reports
- Geo Tracking and Schedule Adherence
- Device connection status for managing assets



CASIO IT-9000

Bespoke Solution

Online Web Booking Engine



Our online ticket booking engine is fully integrated with the CASIO IT-9000 ticketing solution i.e. booking tickets online, validating them onboard for reducing fraud and online back-office system for analysing data instantly. It is integrated with various merchants e.g. Sage Pay, Capita, Civica, World Pay etc. We can also integrate the booking engine with any other merchant.

Take a look at some of our work using the links below:

<http://ticketbooking.dublincoach.ie/>

<http://ticketbooking.jjkavanagh.ie/>

Mobile Application



It allows the passengers to see live journey information including schedule and expected arrival times. The user can also book tickets using the app. We can customise the app to suit your requirements.

Geo Tracking and Schedule Adherence



The operator can track the coaches using the geo tracker system. The operator can see arrival times for coaches at different stops. The operator can apply filters to only show a particular route on the map.

Schedule Adherence report shows the operator the schedule time and the actual time for each stop for journey. This can be used to determine if the driver is running early or late and make improvements for journey times.

Smart Card



Introducing smart cards can reduce maintenance cost, eliminate cash handling and increase revenue. The operator can offer various new tickets e.g. Weekly, Monthly, Yearly, 10 Journey etc. The onboard CASIO machine validates the smartcards and the driver doesn't have to worry about checking expiry dates on a paper tickets.

The paper tickets can easily be photo copied and very hard for the driver to distinguish between genuine and fraud tickets. The smartcard solution stops that. The operator can also offer online top up of the smartcard which is very popular for customers and enhance customer experience.

Card Payment



Accepting card payments on board can improve revenue. The system comes with an external card terminal connected to CASIO via Bluetooth. The driver selects the tickets to issue and the machine sends the amount to the card terminal via Bluetooth technology.

Once the card payment is authorised, the CASIO prints the tickets out. The card terminal is separate so the driver/operator doesn't have to hand the whole machine to the customer.



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CASIO IT-9000

Technical Specification

CPU		Marvel® PXA320 624 MHz	
Operating System		Microsoft® Windows Mobile® 6.5 English Version	
Memory	RAM	256MB	
	FROM	256MB	
Display	Display	9.4 cm (3.7inches) Blanview® Color LCD with Touch Panel	
	Resolution	VGA (480 X 640 dots) 65536 colors	
	Backlight	LED	
	Indicator	Indicator 1: Battery charging status, Indicator 2: Operating status	
Printer	Printing Method	Thermal line dot	
	Peper Width	80 mm or 58 mm	
	Printing Width	72 mm or 48 mm	
	Speed	28 lines per second (while printig kanji character)	
	Paper	Roll paper, Label paper	
	Total number of print dots	576 (if Printed on 80 mm width paper)	
	Character Size	Free double-width characers	
	Font Type	ANK, Symbologies(UPC-E, NW-7, Code39, Code128),OCR-B, user-defined characters X 128	
	Sensor	Positioning for printing	
C-MOS Imager	Type	Wide VGA (752 X 480) Monochrome Area Sensor,	
	Aimer	Laser 650 + 10/-5nm, 1mW or less	
	Resolution	1D: 0.15mm, Stacked: 0.169mm, Matrix: 0.25mm	
		1D Barcodes & QR Codes	
NFC RFID	Frequency	13.56MHz	
	Smart Card	ISO14443 Type A / ISO14443 Type B / Felica®	
	RFID Tag	ISO15693	
	Secure Access Module Slots	2 Solots	
Wireless Communication	Bluetooth	Bluetooth® version 2.0 + EDR	
	Wireless LAN	Compliant with IEEE802.11b/g standard (maximum: 54 Mbps) Security: WPA2 / AES	
	Wireless WAN	HSDPA / UMTS / EGPRS (EDGE) / GPRS / GSM (850 / 900 / 1800 / 1900MHZ)	
	GPS	12 Channel-receiver	
Digital Camera (Optional)	Imaging Element	2.0 mega pixels C-MOS	
	Function	Auto focus, LED flash	
Magnetic Card Reader (Optional)	Standard	ISO Tracks 1, 2 and 3 (ISO/IEC 7811-2 2001)	
Input	Keyboard & Touch Panel	Plastic panel (resolution 480 X 640 dots) with character input pad	
Interface	Serial	USB (Host, Client) X 1	
	Card Slot	SDIO (SDHC supported) X 1	
	Audio	Microphone: Built-in (monaural), Speaker: Built-in (monaural)	
Power	Main Power	Lithium-ion battery pack (Operating period: Approx. 20 hours and more*) *When 120 keyboard inputs made every 10 minutes	
	Memory Backup	Lithium battery (rechargable) on board	
	Charge Time	Approx. 5 hours	
Environment	Dust/Splash-proof	IP54 (compliant with IEC60529 standard)	
	Drop Durability	1.5m	
	Operating Temperature	-20°C – 50°C	
Dimensions/ Weight	Approx. External Dimensions ** Display Part	W	112mm** & 79mm**
		D	255mm**
		H	66mm** & 37mm**
	Approx. Weight (Including Battery Pack)	685g	