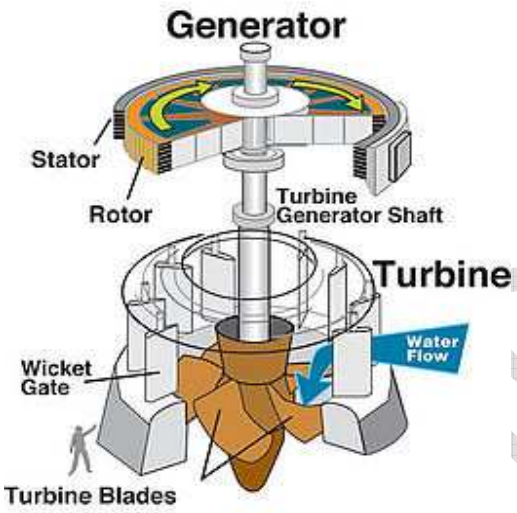
HOND-i INTEGRATED TECHNOLOGIES PVT LTD

Hond-i is Product based company. We are master in technolgy.Real solution,Magic in electronics.Power solution,Practical utilization of natural power.Security system,banking,Hospitality supporting technology.LED technologies are Highly utilised.We support R&D for governament based companies , any private and public ltd companies.We are the solution for embedded technology.Our technologies utilised in Milk and agriculture field.We are gowing into high in Future years.Power facility and specialisation is our aim.Our main aim is to support agriculture field By advanced technology.



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An Introduction to

PALMTEC
Amphibia & Plutonia
The Handheld Computer
For Food Court Managemen
With Wireless Interface

By

Hond-I Integrated technologies Pvt Ltd.

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PALMTEC = PC + Printer + UPS.

Palmtec is a hand-held computer with in-built Printer & PC interface. It is very rugged, and hence suitable for the rough environment. It weighs around 400 - 5600 grams and runs on a rechargeable battery.

Palmtec Amphibia is a hand-held computer It is very rugged, light weight with about 400 Grams and suitable for the rough environments. It consists of a 30 Key keypad, Graphic LCD, In Built **Thermal Printer**, Higher End 32 Bit Microcontroller, USB interface and runs on Rechargeable Battery.

Palmtec Plutonia is a hand-held computer It is very rugged, light weight with about 550 Grams and suitable for the rough environments. It consists of a 30 Key keypad, Graphic LCD, In Built **Dot Matrix Printer**, Higher End 32 Bit Microcontroller, USB interface and runs on Rechargeable Battery.

Palmtec can be used in places where keeping (or carrying) a set of PC + Printer + UPS is impossible. Eg: in Buses, Go-downs, Delivery Sales Vans, Raw Material Collection Centres, Parking Lot Applications, Fertilizer Depots etc. Daily Deposit Collection & Loan Recovery of Banks, Ticketing in buses, Spot billing in Electricity & Water Suppliers, Spot Billing in Petrol Bunks and Billing in Delivery Sales Vans are some major applications of **Palmtec**.

Precisely, **Palmtec** is equivalent to a set of **PC + Printer + UPS + Software**, in your palm. Sophisticated environments like AC room, Computer furniture & qualified operator also are not required. Virus threat is also ruled out. Since **Palmtec** is programmed for specific applications, there is no chance for misuses. Though the operation is simple for laymen, security is ensured by data encryption and multi-level password protections.

An array of Models is available with Palmtec. **Models with and without Wireless interfaces are available. Models include Smart Card Based systems, RF Based Models, GPRS / GSM Models. All models come with USB interface.**

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Technical Specifications of Palmtec Models

Sl No.	Details	Palmtec – Plutonia	Palmtec –Amphibia
1	Processor	ARM 7 Series	
2	Programming Tool	C	
3	Date/Time	Battery Backed Real Time Clock.	
4	Security	Multi-level Password & Data Encryption	
5	Power	Li-Ion, rechargeable battery	
6	Recharging Time	Approx. 3 hours	
7	Input Voltage	190 –240 V	
8	Power Consumption	Approx.8000 to 10000 lines printing per charging About 1500 - 2000 Tickets per Charge	
9	Battery Life	Approx. 500 charge-recharge cycles	
10	Charger	Portable, compact AC adaptor	
11	Charging Source	AC	
12	Display	128 * 64 Graphical LCD with backlight.	
13	Keyboard	30 Key, Alphanumeric, Tactile, 10 million operable.	
14	PC Interface	USB Slave Port, IR (Infra-Red) optional.	
15	Host System	Any (DOS, Win, Unix, Linux)	
16	Program Memory	512 KB Flash	
17	Data Memory	2 MB (Expandable)	
18	Size	Approx. 23 x 4 x 9 cm	Approx. 21 x 4 x 7.5 cm
19	Weight	500 to 600 grams (depends on printer & battery)	400 to 500 grams (depends on printer & battery)
20	Body	Moulded ABS / PC body. Rare chance to break	
21	Carrying Method	Shoulder Bag provided	
22	Printer	24 Col. Dot Matrix or Thermal Printer	32 Col Thermal Printer
23	Paper Width	57 mm width (24 characters in a line)	
24	Paper Roll Dimension	55 mm diameter. (about 20 – 25 meters)	40 mm diameter. (about 12 – 14 meters)
25	Paper Loading	Semi Automatic	Easy Loading
26	Wireless Interface	GSM / GPRS Interface (Optional) RF Interface (Optional) IR (Optional)	

THE FOOD COURT MANAGEMENT SYSTEM WITH PALMTEC

PALMTEC AMPHIBIA / PLUTONIA can be programmed with the relevant billing applications. The system comprises of the following.

1. Palmtec Amphibia / Plutonia with SMART CARD Reader and Wireless Interface to be installed in food dispensing outlets.

2. A PC loaded with Windows XP to be located at the centre of food court to be provided by the customer.

3. SMART CARD Reader/Writer to be connected to PC for loading the customer info.

4. Wireless Transceiver to be connected to the PC to send and receive data from Palmtec.

5. Wireless Repeaters for enhancing the distances if required.

6. Application Firmware to be developed and loaded on Palmtec for
   a. Identifying the customer info by reading the SMART CARD
   b. Verifying his account balance from the Main PC thru Wireless data transfer
   c. Issuing bill to the customer
   d. Updating the account balance in PC thru wireless data transfer.

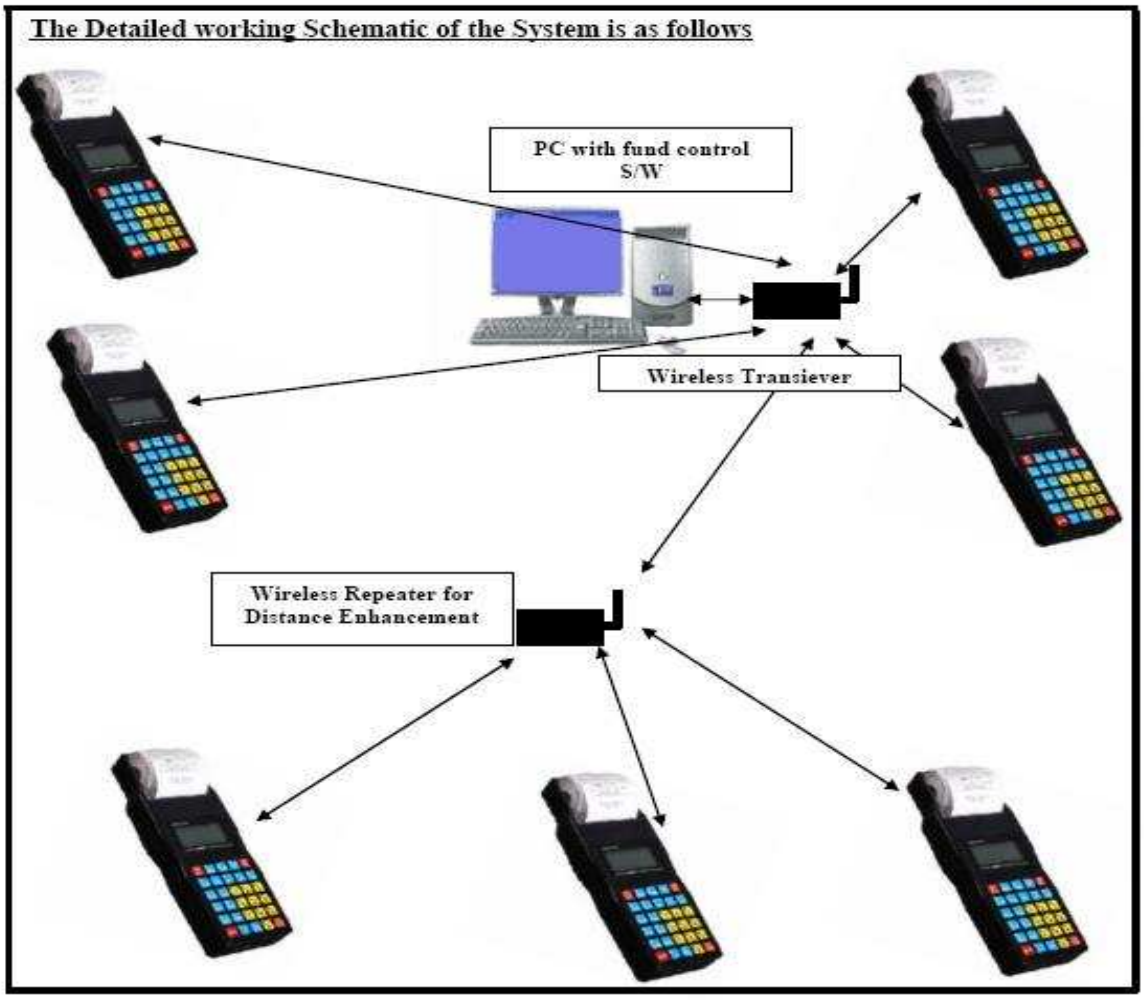
7. Fund Control Software Module to be developed and loaded in PC, for
   a. ONE time registering of customers & Issue of SMART CARDS
   b. Entering the payments from the customer
   c. verifying the identity by reading customer SMART CARD
   d. Loading the Payment details to the customer account
   e. Entry, Updating & Loading the rates for the menu Items to the Palmtec Amphibia located at each food dispensing outlets.

ONE TIME Activities.

- At the site, in the centre of food court, a Computer is installed. The PC Side Software is loaded on to the same. The Wireless Transceiver is connected to the PC.

- Palmtec is pre - loaded with the relevant application billing Firmware. The menu and charges for the various items can be downloaded to the machine from the Software Module Provided in the PC.

- Each customer is to be registered into the PC software initially. It generates a customer ID and the same can be stored into the SMART CARD using the SMART CARD Reader/Writer connected to the PC.



Repeated Activities:

- The customer can visit the central computer, pay lump sum amount into his account.
- This has to be entered into the fund control software by the operator.
- A receipt for the amount entered will be generated by the system
- The SMART CARD issued to the customer will be read by the reader /writer connected to the PC and his account is credited with the received amount from the customer.

- The customer can visit the relevant food dispensing outlet for ordering his required menu items.

- The operator at the outlet accepts the customer SMART CARD

- Upon flashing the same against the reader in PALMTEC, the customer ID read from the SMART CARD is transmitted to the PC by PALMTEC thru the wireless interface.

- The fund control software
    - Receives the customer ID
    - Verifies the authenticity of the customer
    - Retrieves the account balance from the customer data base
    - Transmits the same back to the corresponding PALMTEC.

- The PALMTEC
    - Verifies the balance amount in the customer account received from the fund control software
    - If it is above acceptable limits, permits the bill details to be entered on to it.

- After completion of the entry of items to be billed, the PALMTEC transmits the bill amount along with the customer ID to the fund control software.

- The fund control software receives the bill amount, updates the data base, and sends back an acknowledgement to the relevant PALMTEC.

- Upon getting the acknowledgement from the fund control software, the bill gets printed on the PALMTEC.

- The bill can be given to the delivery area for delivering the food items ordered by the customer

This process can happen simultaneously in PALMTEC attached to all the food dispensing outlets.in that food court. **A maximum of 32 outlets can be connected in this wireless network to one PC.**

At the end of the day, reports can be generated from all the Palmtecs and also from the fund control software. The reports can be tallied for accounting and verification purposes. MIS reports can also be generated from the fund control software.

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SL.NO	DESCRIPTION		UNIT PRICE
1	Palmtec Plutonia (Hand Held computer) For Billing as per Technical Specifications Mentioned Above with SMART CARD Reader and RF Connectivity		Rs 15000.00
2	Palmtec Amphibia (Hand Held computer) For Billing as per Technical Specifications Mentioned Above with SMART CARD Reader and RF Connectivity		Rs 13500.00
2	RF Transceiver/RF Repeater	Each	Rs 6500.00
3	Fund Control Software to be developed and loaded on to PC for Registration, Fund Collection Entry, Account Loading, Verification and	One Time	Rs 75000.00

Terms and Conditions: Please place order for Hond-I Integrated technologies pvt ltd.Mallathalli main road,Bangalore-56.Your purchase order must specify Bill to ship address.And this offer valid for 60 days.

VAT applicable as useval.

DESPATCH : We will be able to despatch the materials with in 4-6 weeks from the date of confirmed purchase order and receipt of DD / TT towards Advance.

PAYMENT TERMS

Cash in Advance : For orders either Demand Draft has to be received in advance by

1. Demand Draft: Must be drawn in favor of Hond-I integrated Technologies pvt ltd**, payable at Bangalore.**
2. Payment may be sent as NEFT to our Bank Account No: 910020031445078
OUR BANKERS: AXIS BANK ,jayanagar 4th block,Bangalore-11
IFSC CODE: UTIB0000052
3. CHEQUE FAVOURING M/S Hond-I integrated technologies pvt ltd, may be Deposited at any branches of of the Axis bank.

Delivery: within 2 to 4 weeks from the date of receipt of firm order & advance.

Warranty: One-year bring-in from the date of delivery for the whole equipment Except Battery and Print Head. For Battery and Print head 6 Months Warranty. During the warranty period, you can send the defective unit to our service centre nearest to you. Our responsibility in Warranty will be limited to rectification / replacement of the defective part only. It does not cover data.

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