ParXsys Atom – A1 Handheld Ticketing Machine with GPS and GPRS

Features	Specifications
PROCESSOR	• ARM Cortex M3 with RTC • Atmel 16 bit microcontroller with RTC
FLASH DATA MEMORY	• Upto 16 MB flash memory • Optional SD Card Support • Data retention capability of more than 10 years
THERMAL PRINTER	• Ultra fast 3 inch thermal printer • 50mm/sec speed or more for fast ticketing. • Automatic Open cover and end of paper roll sensing • Auto Paper Load
DISPLAY	• Graphic LCD Display with minimum 128 x 64 pixel and backlit capability (support multiple languages and fonts)
KEYPAD	• Alphanumeric(silicon rubber),keyboard with legends with minimum capability of 10 Lakh operations
RFID READER	• **Mifare RFID** reader operating at 13.56 Mhz Frequency. • Follows ISO 14443 Type-A standard and Type-B standard • Other standards supported – 125Mhz, Hitag
GPS	• TTF: 35s cold start • NMEA 2.0 compliant • SMA connector for 3.3V active antenna and maximum 50 mA
GPRS	• Dual Band EGSM 900 / 1800 MHz • GPRS class 10 data support • Low power consumption and idle mode for extended battery life
DATA SYNCHRONIZATION	• Uses Proprietary communication protocol to enable data synchronization between multiple handheld units and the main computer • Tickets issued by different device (Handheld Mobile Data Terminal / Main ticketing computer) can be billed by any other handheld Mobile Data Terminal
DATA DOWNLOAD	• Via USB and GPRS
BATTERY	• 12V-2000mAh Capacity Lithium Battery for longer usage time • Rapidly charge up and long cycle life. • Charge/discharge efficiency 80–90%. • Battery life indicator on LCD Screen
CHARGER	• A.C. Intelligent Fast Charger -works with standard 220 V 50Hz AC supply • Auto charge termination with LED indicator
PROTECTION	• Ingress Protection (IP45 – for internal protection) • Dust Proof • Hard ABS Casing with excellent durability