



SPECTRA



Canteen Recording System

www.spectra-vision.com

EFFORTLESS CANTEEN MANAGEMENT

FingerXs



INSTAID



ezCANTEEN



BioSTAMP



PAYPOINT



Features

⊗ Coupon less canteen management

Do away with manual system of maintaining coupons & related hassles. The system records item wise consumption against each usage and transfers the data to CMS for reporting.

⊗ Pre paid/Post paid options

Supports both prepaid as well as post paid card options for deduction of canteen usage. In post paid option, the total monthly usage of employee can directly be deducted from salary at month end. In prepaid option, a fixed amount can be credited to the card and the usage can be limited up to that amount. This option is however available only with HID iClass/ Mifare smart card technology.

⊗ Multiple RFID Technologies

Supports all latest RFID technologies with inbuilt EM reader and option of having Mifare/HID iClass/HID Prox.

⊗ Inbuilt RJ45 Network Interface

Leveraging on the merits of IP based systems, it can easily be hooked up on the existing TCP/IP network. Thus the data can be transferred instantaneously in real time mode to a centralized server.

⊗ Guest Usage Management

Each department can be allotted a master guest card such that the monthly consumption of guest canteen usage/ department wise can be monitored.

⊗ Excellent Price Performance Ratio

With a lower price to performance ratio the ROI is automatically enhanced, the factor contributing to higher ROI is not only very competitive pricing but also higher utility value offered by the product.

Specifications : Hardware

CPU	:	8 Bit Microcontroller running at 42 MHz
Reader Support	:	Inbuilt proximity reader (Optional Mifare /HID Prox/HID iClass reader)
Database	:	15,000 Employees Database with name, time zone info etc.
Transactions	:	55,000 time stamped events storage capacity
RTC	:	Non Volatile Real Time Clock Calender, Data retention for more than 10 years without external power
Display	:	16 Character x 2 Line high contrast backlit LCD
Keypad	:	12 Keys Membrane keypad for local programming and PIN entry
Communication	:	10 Base-T RJ45 ethernet interface (TCP/IP) with status LED indications
Serial Port	:	RS232 port for slip printer connectivity
Reader Interface	:	Weigand configurable from 26 bits to 40 bits / Clock Data
Watchdog	:	Built-in watchdog supervisor
Supply Requirement	:	12VDC / 1A Switch mode supply
Power	:	Less than 5 watt
Enclosure	:	Plastic housing with sleek aesthetics
Humidity	:	RH 5~95% Non-condensing
Weight	:	0.38 kg
Dimensions	:	11.6 cm (L) x 12.6 cm (W) x 5.0 cm (D)

Specifications : Firmware

Items	:	30 item master
Time Zone	:	8 programmable time zones for item access
Prepaid/Postpaid	:	Both prepaid and postpaid option available (prepaid feature available only in HID iClass, Mifare technology)
Guest Card	:	Department wise guest card programming
Preferential Selection	:	User preferences setting for item selection, qty selection etc.
Auto Reload	:	Auto reload of entitled amount at the beginning of period (only available in HID iClass, Mifare technology)
Subsidized Food	:	Restrictions based on entitled usage of subsidized food
Short Keys	:	Short keys can be configured for particular item selection

Canteen Software

- ⊗ Supports MS Access, MS SQL and ORACLE Database
- ⊗ Instant availability of canteen usage reports
- ⊗ Employee's monthly consumption details, item wise
- ⊗ Total monthly canteen expenditure
- ⊗ Integrated with Paypoint software for usage deduction

Specifications are subject to change without any prior notice

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