

## PAYLOAD MONITORING SYSTEM

### SPECIAL FEATURES :

The **PAYLOAD MONITORING SYSTEM (PLMS)** is used to measure, monitor and store the loading and unloading process of dumper trucks. System receives analogue inputs (4 to 20 mA) from pressure sensors for load. It is a 24V battery operated system.

**PLMS** prints out the summary of trips through RS232 serial communication.

Selection is possible through password. Upper part of the LCD display shows the material weight on the dumper. Lower part of the LCD display shows various readings according to the user selection like current date and time, no. of trips, cumulative weight and no. of overload trips.



### SPECIFICATIONS :

Controller	:	8 Bit Micro Controller.
CLK Freq.	:	11.0592 MHz.
Memory FLASH	:	64 KB BUILT IN CONTROLLER.
RTC	:	PCF8563P.
Variable Baud rate	:	1200, 2400, 4800, 9600 (Selectable).
Digital Input	:	3 Optical Isolated Inputs.
Input Range	:	12 to 24 V D.C.
Digital Output	:	4 Relay Outputs, 5A, 230V A.C.
Filter	:	RC Filter.
A to D Converter	:	12 Bit A to D.
LCD Display	:	Two Lines Alphanumeric Display. 16 Characters per Line.
Keypad	:	Tactile Type Keypad.
PC Communication	:	RS232.
Approvals & Standards	:	IEC60950, UL1950, EN60950.
Operating Temp. Range	:	-40°C to +85°C.
Power Supply	:	Digital : +5 V @ 2A.
(DC to DC Converter)	:	Analog : $\pm 12$ V @ 750 mA.

*Please Communicate to :*

# **EPOCH**

## **Instruments & Controls Pvt. Ltd.**

**Office** : MIG 132, 2<sup>nd</sup> Stage, 80 Feet Road, K.H.B. Colony, Basaveshwaranagar, Bangalore – 560 079.

☎ : 080 – 2348 1364, 6576 1259. ☎ : 080 – 2328 3728. E-mail : epochic@dataone.in

**Factory** : No.16, Bhadrappa Estate, 54, Magadi Main Road, Kamakshipalya, Bangalore – 560 079.

**Branch** : No. 409, Kemp Plaza, B-Wing, Opp. Mind Space, Chincholi Bunder, Malad (West), Mumbai – 400 064.

☎ : 022 – 4003 0704, 4003 0705, 4003 0706. ☎ : 022 – 4003 0707. E-mail : synopsis@vsnl.com