



# INSTRUMENTS UNIVERSAL

B /15, BEI Compound, Opp. Mona Tiles Chhani Jakat Naka, Vadodara-390002

E-mail :insuindia@gmail.com, insuindia@rediffmail.com Tele: 91-265-2771434, 3015783

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## INSU Loop monitoring system (GSM)



**Insu** Loop monitoring system (GSM) is Master unit which sends all the data of particular feeder pillar to the PC software and also sends defined alerts to engineers and linemen. It is our field proven and continuously updated product specially developed for energy saving in conventional street light systems. By using this controller you can save up to **40 % energy** by reducing the power at midnight (Considering 50 % reducing time). The specialty of power saving mode is uniform lighting thought street lighting which save power and yet avoid **dark spots on road**.

Day light power saving scheme can also save some more energy. Apart from energy saving this can also save

manpower, operating cost and can reduce manual-operating errors. This controller is programmed on longitude & latitude base for the whole year for sunrise and sunset timings. With these much change of time a conventional timer will not serve the purpose. It can save energy up to **8 %** against conventional manual operation, Photo sensors or conventional timers.

Our controller incorporates a real time clock with in built battery backup for minimum 8 years. There is no need to reprogram the controller even if supply fails for long duration.

Energy savings combined with reduced maintenance costs are prime benefits of street light control and management. **SCADA software named Citylight** is based on advanced use of global technologies such as **GSM** & real time embedded systems.

The image shown in the literature is just an illustration; actual product may vary according to user specifications. For technical specifications and queries pleas contact us at [insuindia@gmail.com](mailto:insuindia@gmail.com)

ISO 9001: 2008 certified

Web : [www.insuenergyconservation.com](http://www.insuenergyconservation.com), [www.insuindia.com](http://www.insuindia.com), [www.insuindia.co.in](http://www.insuindia.co.in)

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Energy conserved is Energy produced