

# MetroControl™ Gateway

## From single lamp to a central control room

The MetroControl™ Gateway is a complementary device for local and remote monitoring and control of the SuperHID 250,320,350, 400 and 450 watt microprocessor-controlled family of electronic HID Ballasts.

The MetroControl™ Gateway is a package solution for controlling and monitoring up to 1023 SuperHID™ ballasts, using highly flexible and powerful logic to ensure high efficiency and energy savings. This solution can locally generate SMS alarms to ensure fast response to important events.

It can easily connect via cellular or radio to the control center, using unique LW2 network technology that ensures high performance and low communication costs.

MetroControl™ Gateway is exceptionally easy to install and upgrade current ballast control system.

### Superior Features

- Individual/Group ballast control and monitoring
- Local LCD panel
- SMS generation capabilities (Option)
- Integrated I/O (8 digital in, 4 digital out) with I/O expansion capabilities
- Cellular GPRS network connectivity
- Astronomic clock
- High level of automation capabilities
- Continuous full-range dimming control capabilities



Powering the World of Light

# MetroControl™ Gateway

## HID ELECTRONIC BALLAST

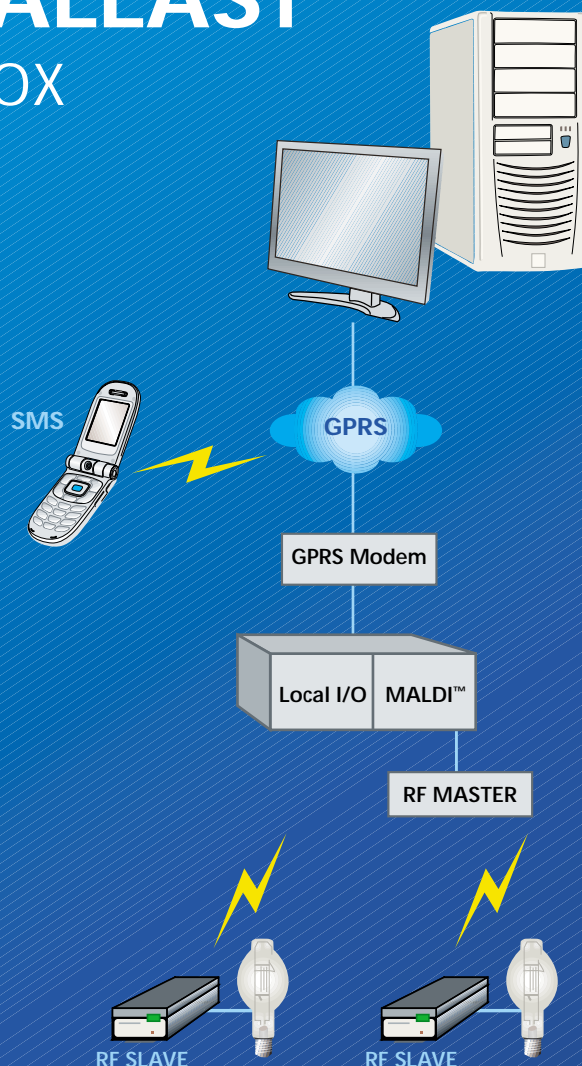
### MetroControl Remote Box

#### MetroControl™ Gateway comprises:

MADLI™ – 2-wire digital control network  
 Programmable logic controller with local I/O  
 LCD Panel – HMI  
 Cellular SMS modem (Option)  
 LW2 – GPRS interface unit, including modem and antenna  
 Cabinet with power supply, terminals, CB, etc.

#### Capabilities:

- Stand-alone remote SuperHID™ controller
- Astronomic clock
- Real time clock
- Scheduler
- Flexible dimming logic
- Individual ballast monitoring and control
- Plug and play installation and operation
- Monitoring of various parameters of individual ballasts, including: power, voltage, current, ballast temperature, dimming level, impedance, time on, number of ignitions and more.
- Connectivity to SCADA via LW2 network optimized GPRS network
- 2-wire communication with up to 1023 ballasts (4800 Bps)
- Radio connectivity with up to 512 ballasts (available Q4/2005)



#### Product Configuration/ Order Options

Cabinet	Controller	LCD Panel	SMS	GPRS
<b>M</b>	<b>NC</b> No	<b>NL</b> NO	<b>NS</b> No	<b>NG</b> No
<b>NE</b> NEMA	<b>AD</b> Advance 8DI/4DO/2AI	<b>LR</b> Low Resolution 128 x 64 pixels	<b>SMS</b> Yes	<b>GPRS</b> Yes
		<b>HR</b> High Resolution 240 x 64 pixels		

Example: M-NE-AD-HR-SMS-GPRS



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