LEOPARD TOUCH SCREEN CONTROLLER

Features

- Automate with fully programmable If-Then-Else Control
- Let our Control Wizard write your program for you!
- Two-way X-10
- Infra-Red Send and Receive
- Y2K Compatible Real Time Clock
- RS485 expansion to 2000 ADICON I/O!
- Use with computer front-end or as a stand-alone controller.

The Leopard™ combines the power of the Ocelot with the convenience of a touch screen. It can be programmed for stand-alone operation, or controlled by many of the popular third party Home Automation Software programs. The Leopard™ has been designed to accommodate most automation requirements. External ports are provided for RS-232 communications, RS-485 communications, X-10 communications, and infrared (IR) control. These ports allow the Leopard™ to interface with a variety of external devices. Use & applications

Controller: The Leopard™ controller can handle up to 2048 lines of user code. The code is stored in a non-volatile memory that will retain it's contents even if the power is lost. A battery-backed real-time clock allows the controller to execute instructions based on the time and date.

Touch Screen: The Leopard touch screen is a QVGA LCD display with 320 x 240 resolution. The backlight is a Cold Cathode Fluorescent Lamp (CCFL).

Beeper: The Leopard provides a piezo beeper that can be set to sound on button presses, or under user program control.

RS-232 Port: The Leopard™ provides a RS-232 port for communications with an external computer. This port is used to initially load the user program. It can also be used for communications with a third party software program. Additionally, this port can be used for communications with an ADICON modem, or for controlling external RS-232 equipment with ASCII commands.

RS-485 Port: The Leopard™ provides a RS-485 port for communications with other ADI modules. ADI provides modules for relay outputs, analog inputs, temperature monitoring, humidity monitoring, zoned IR outputs, audio messages, switch inputs, etc.

X10: The Leopard™ provides a port for connecting an X-10 interface such as the XM10 (IH2030). This interface allows the Leopard™ to control external lighting and appliance modules. The Leopard™ can also monitor/control RCS X-10 thermostats with this port.

IR Input: The Leopard™ has an integral learning IR input that can store up to 1024 unique IR commands. The Leopard™ has the ability to recognize previously learned IR commands. This is one of the most exciting features of the Leopard™, as you can initiate macros based on a single press of a button on a remote control.

IR output: The Leopard™ provides an IR blaster on the front face of the unit. A stereo jack is provided for attaching an optional IR emitter.

Technical details :

Controller Features

Program Space:	2000 lines
Real Time Clock	Y2K Compatible
Infra-red	1024 learnable command for transmit 80 for receive
	Built-in IR receiver (with jack for external ADI receiver)
	Built-in IR blaster (with jack for standard emitters)
X10	256 standard two-way commands
	PCS Preset Dim commands
	Transmit Extended Dim Commands
	Transmit Group (Scene) Commands
Alpha Paging	Can call standard alpha pager based on any events
	(requires Adnet Modem)
Adnet Port	Connects to up to 128 "ADICON 2500" modules for up to
	2048 points of I/O (Digital, Analog, Infra-Red)
Temperature	Built-in LM34

Touch Screen Features

Enclosure	Wall mount on initial release (table top unit to follow)
Setup	Drag and Drop using C-Max software
Display	320 x 240 monochrome (color unit to follow)
Touch Grid	60 touch points (10 x 6)
Alarm	Piezo (user controlled)
Screens	25 screens
Objects	256 total (any combination of text and buttons)
	6 button sizes and shapes
Live Text	Text may update on program variables
	(i.e., time, temp, analog values, etc.)