GENCOM
FOR WINDOWS

Remote Communication Software for Genesis Controls

GENESIS INTERNATIONAL INC.

The GenCom Software for Windows is a unique way of monitoring and Genesis Controls remotely. The user can see the control display in real time and change the parameters as if standing in front of the Genesis control.

FEATURES:
- Remote panel simulation. I.e. Watch the control operate on a Real Time Basis.
- The user can read the control settings, download the information to a remote PC, and make changes then update the control with only the settings that have been altered.
- Graph variables such as Suction Pressure, Head Pressure, Case Temperature, etc. (Graphing feature not available on some controls.)
- User logon "Locks Out" Unauthorized personell.
- Settings can be saved to a setup file on a remote PC and uploaded to a control at any time.
- Contains context-sensitive help that provides detailed explanations of all functions.
- Connect up to 255 Genesis Controls

MINIMUM REQUIREMENTS:
- IBM PC or Compatible computer - Pentium Processor and SVGA Monitor.
- Or Serial Ethernet Connection. (Software and RJ-45 10/100M to RS485 Converter box included)

CAPABILITIES:
Examples; Following are two examples of different Genesis controls connected to GenCom.
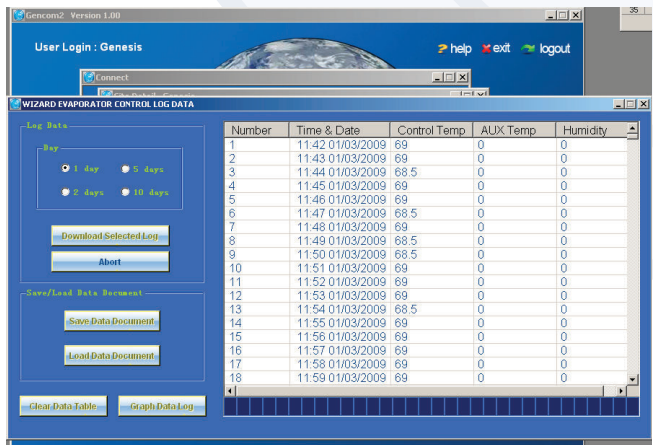
Wizard Control

The *Wizard* family of controls are self-contained syatems designed to operate defrost circuits, compressors, condensers, etc. for a for commercial or industrial refrigeration systems. Depending upon Which *Wizard* you have, it can control room temperature, and monitor for refrigerant gas in a room or control suction or discharge pressure and remotely communicate through the GenCom system.
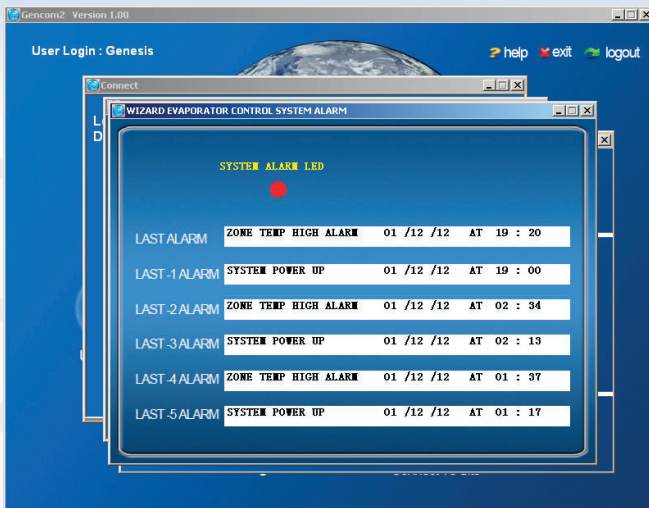
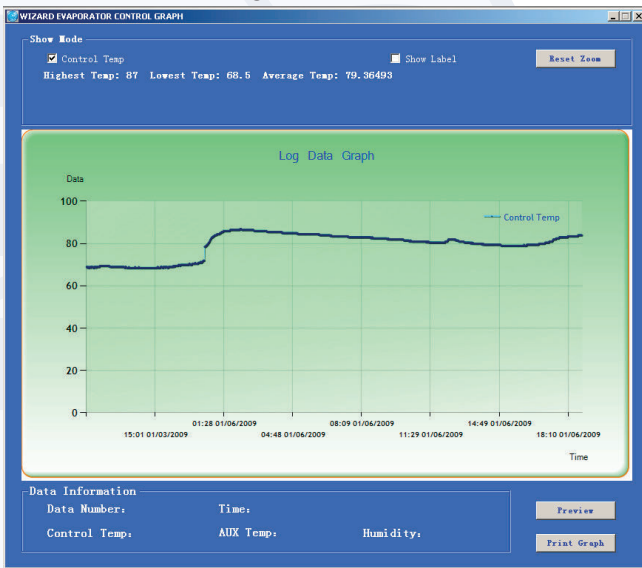- Access the features of your Genesis control from one easy to read screen

- Remote panel simulation. I.e. Watch the control operate on a Real Time Basis.
- Read, Display, Print or Change the Complete Configuration, the defrost schedule and the timing sequence.
- Activate or de-activate a defrost circuit and change the temperature set point.

- Read, Display and Print the System Data Log.

User Login : Genesis   ? help   ✖ exit   ⤳ logout

WIZARD EVAPORATOR CONTROL SYSTEM ALARM

SYSTEM ALARM LED
●

LAST ALARM	ZONE TEMP HIGH ALARM	01 /12 /12	AT	19 : 20
LAST -1 ALARM	SYSTEM POWER UP	01 /12 /12	AT	19 : 00
LAST -2 ALARM	ZONE TEMP HIGH ALARM	01 /12 /12	AT	02 : 34
LAST -3 ALARM	SYSTEM POWER UP	01 /12 /12	AT	02 : 13
LAST -4 ALARM	ZONE TEMP HIGH ALARM	01 /12 /12	AT	01 : 37
LAST -5 ALARM	SYSTEM POWER UP	01 /12 /12	AT	01 : 17

- View the Alarm Log.

WIZARD EVAPORATOR CONTROL GRAPH

Show Mode
☑ Control Temp   ☐ Show Label   Reset Zoom
Highest Temp: 87   Lowest Temp: 68.5   Average Temp: 79.36493

Log Data Graph
— Control Temp

Data Information
Data Number: Time:
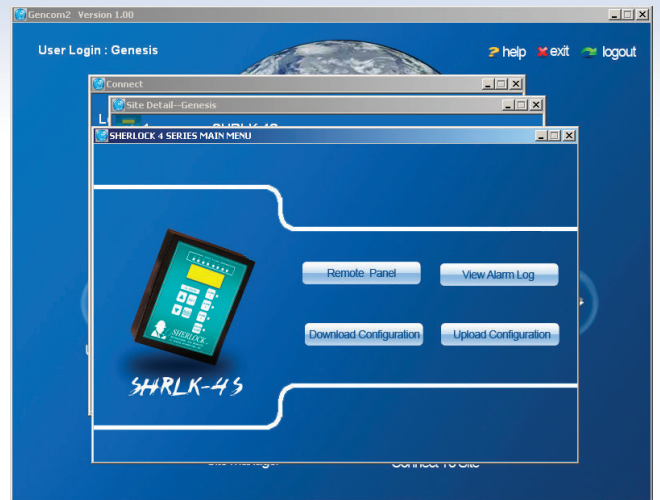Control Temp: AUX Temp: Humidity:
Preview
Print Graph

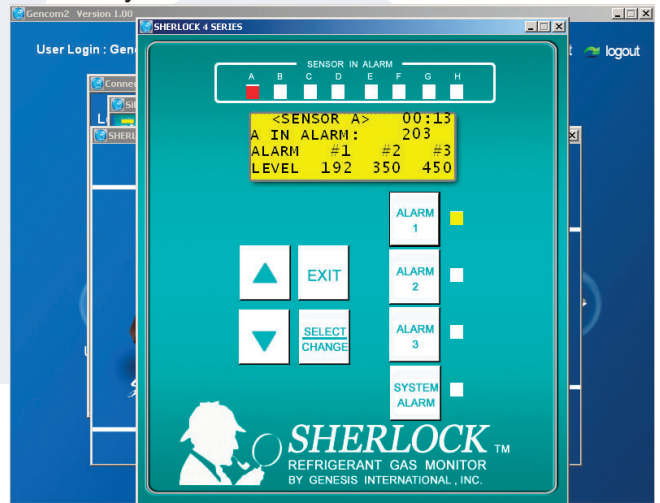- Graph the last 4000 sampling data points.
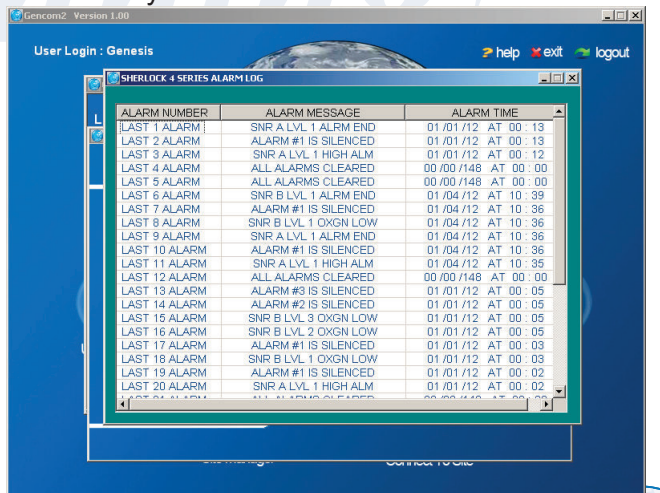
SHERLOCK 2 SERIES & 4 SERIES

The **SHERLOCK** Control monitors for refrigerant gas leaks in mechanical rooms and enclosed buildings. **SHERLOCK** monitors for CFC, HCFC, HFC, Ammonia and other commercial refrigerants.

User Login : Genesis   ? help   ✖ exit   ⤳ logout

SHERLOCK 4 SERIES MAIN MENU

Remote Panel   View Alarm Log
Download Configuration   Upload Configuration

SHRLK-4S

- Access the features of your Genesis control from one easy to read screen

SHERLOCK 4 SERIES

SENSOR IN ALARM
A B C D E F G H

<SENSOR A>   00:13
A IN ALARM: 203
ALARM   #1 #2 #3
LEVEL   192 350 450

ALARM 1
▲ EXIT   ALARM 2
▼ SELECT CHANGE   ALARM 3
SYSTEM ALARM

SHERLOCK™
REFRIGERANT GAS MONITOR
BY GENESIS INTERNATIONAL , INC.

- Remote panel simulation. I.e. Watch the control operate on a Real Time Basis.
- Read, Display or Change the Configuration.
- Read, Display, Change the alarm set points and delays.
- Clear any Alarm and Reset the control.

User Login : Genesis   ? help   ✖ exit   ⤳ logout

SHERLOCK 4 SERIES ALARM LOG

ALARM NUMBER	ALARM MESSAGE	ALARM TIME
LAST 1 ALARM	SNR A LVL 1 ALRM END	01 /01 /12 AT 00 : 13
LAST 2 ALARM	ALARM #1 IS SILENCED	01 /01 /12 AT 00 : 13
LAST 3 ALARM	SNR A LVL 1 HIGH ALM	01 /01 /12 AT 00 : 12
LAST 4 ALARM	ALL ALARMS CLEARED	00 /00 /148 AT 00 : 00
LAST 5 ALARM	ALL ALARMS CLEARED	00 /00 /148 AT 00 : 00
LAST 6 ALARM	SNR B LVL 1 ALRM END	01 /04 /12 AT 10 : 39
LAST 7 ALARM	ALARM #1 IS SILENCED	01 /04 /12 AT 10 : 36
LAST 8 ALARM	SNR B LVL 1 OXGN LOW	01 /04 /12 AT 10 : 36
LAST 9 ALARM	SNR A LVL 1 ALRM END	01 /04 /12 AT 10 : 36
LAST 10 ALARM	ALARM #1 IS SILENCED	01 /04 /12 AT 10 : 36
LAST 11 ALARM	SNR A LVL 1 HIGH ALM	01 /04 /12 AT 10 : 35
LAST 12 ALARM	ALL ALARMS CLEARED	00 /00 /148 AT 00 : 00
LAST 13 ALARM	ALARM #3 IS SILENCED	01 /01 /12 AT 00 : 05
LAST 14 ALARM	ALARM #2 IS SILENCED	01 /01 /12 AT 00 : 05
LAST 15 ALARM	SNR B LVL 3 OXGN LOW	01 /01 /12 AT 00 : 05
LAST 16 ALARM	SNR B LVL 2 OXGN LOW	01 /01 /12 AT 00 : 05
LAST 17 ALARM	ALARM #1 IS SILENCED	01 /01 /12 AT 00 : 03
LAST 18 ALARM	SNR B LVL 1 OXGN LOW	01 /01 /12 AT 00 : 03
LAST 19 ALARM	ALARM #1 IS SILENCED	01 /01 /12 AT 00 : 02
LAST 20 ALARM	SNR A LVL 1 HIGH ALM	01 /01 /12 AT 00 : 02

- View the Alarm Log.

The **GenCom Communications System** provides remote communications for Genesis Controls on one computer via a Ethernet to the following GENESIS products:

Wizard Parallel Rack Pressure Control	**WCC**
Wizard Parallel Rack Control - Plus 7	**WCC-P7**
Wizard Parallel Rack Control - Plus 12	**WCC-P12**
Wizard Parallel Rack Temp. Control	**WTC**
Parallel Rack Control System	**EPC-2000**
Wizard Single Compressor Control	**WSCC**
Wizard Condenser Fan Control	**WCFC**
Wizard Condenser VFD Fan Control	**WCFC-VFD**
Fibertronic Defrost Clock	**DC-1000**
Wizard Evaporator Defrost Control	**WEC, WDC-C, WEC-H**
Wizard Critical Products Control System	**WCPCS, WCPCS-DUAL**
Wizard Lead/Lag Cooler Control	**WLL-C, W3LL-C**
Light and Energy Manager	**LM 16, 24, 32**
HVAC Roof Top Control	**RT-1000**
HVAC Control	**Comfort-Miser CM1-8, 16 & CM2-8, 16**
Refrigerant Gas Monitoring	***SHERLOCK* 2-Series 402, 802**
	***SHERLOCK* 4-Series 204, 404, 804**
HUSSMANN Protocol Control	**Protocol Main, Expansion, Pumping Station**

For more information about the GENCOM capabilities for any of the listed Genesis products, please contact Genesis International, Inc. If your control is not listed, please contact us for confirmation. Genesis reserves the right to change specifications and pricing without notice.

Available Kits: **Part #**

GenCom Communication: **88-0190**

For remote Computer communications with Genesis Products, comes with RS-232 / RS-485 Signal Converter Box & GenCom Communications Software.

GenCom Communication With Ethernet Connection (10/100M):   **88-0541**

For remote Computer communications with Genesis Products, comes with RJ-45 Ethernet 10/100M / RS-485 Signal Converter Box and GenCom Communications Software. The Ethernet Connection will auto select 10BaseT or 100BaseTX.

GENESIS INTERNATIONAL INC.