

# G4Pro

High performance controller for Blood Bank Refrigerators



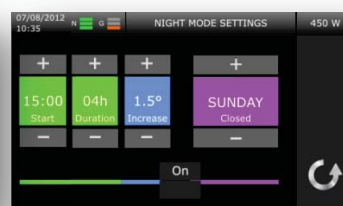
Some examples of user interface



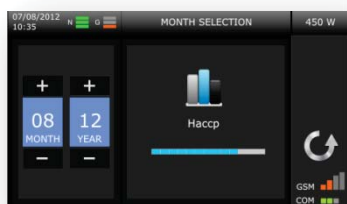
USER PANEL



LIMITS SETTINGS



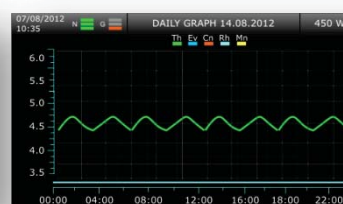
NIGHT MODE PRESET



HACCp MONTH SELECTION



HACCp MONTH CALENDAR



UP TO 3 CHANNEL DAILY GRAPH

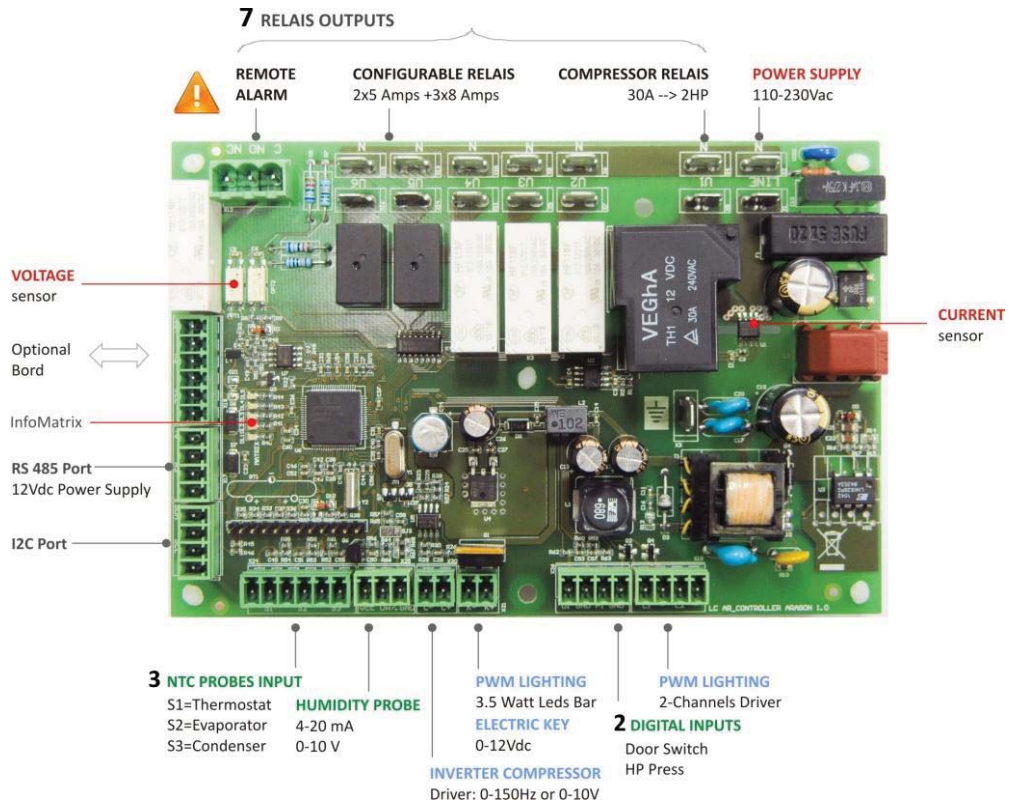
## Specifications

<b>Display</b>	TFT Touch screen 4.3" with housing
<b>Power Supply</b>	Low voltage from controller & battery back-up
<b>Dimension</b>	170x110x35 mm - Dima 145x90 mm
<b>Front Slots</b>	USB - SIM Card for GSM optional board
<b>Rear Slots</b>	RS485 - Ethernet RJ45
<b>Inputs</b>	N°2 Configurable monitor probes PT100 [-99.9 -50.0]°C or N°2 Configurable monitor probes NTC [-50.0 -50.0]°C
<b>Output</b>	N°1 alarm relays
<b>Board Slot</b>	for <u>optional</u> GSM modem
<b>CPU</b>	Atmel® at91 256Mb flash- Linux Platform

# G4Pro

## High performance controller for Blood Bank Refrigerators

### Ghepard Controller



### Features

- Temperature and defrost control
- Clima control with humidity probe
- Energy Saving function
- HACCP Events List
- Safety functions
- Voltage and current sensor

### Specifications

<b>Power Supply</b>	110/230Vac - 50/60Hz Switching
<b>Dimensions</b>	160x110x25 mm
<b>Logic</b>	ARM8 microcontroller
<b>Inputs</b>	3 NTC Probes [-50.0, +50.0]°C - 1x4-20mA/0-10V, 2 Digital
<b>Relais outputs</b>	30-8-8-8-5-5 A + 8A SPDT remote alarms
<b>PWM</b>	Electric-Key or Led direct drive [max 3.5W]
<b>Driver</b>	0-150Hz or 0-10V for inverter compressor
<b>Port</b>	RS485 + power supply for TFT display connection
<b>Sensors</b>	Voltage and Current with Energy counter

