```
*****************************
Release Notes
GC-100 Release 3.2
*****************************
```

**Welcome***
Several changes have been made to version 3.2 and are described below. Release notes for version 3.0
are also included.

***Changes from Version 3.0***

*The GC-100 will now accept IR codes with up to 384 transitions. The previous limit was 256
transitions.
*The GC-100 will now request the last IP address assigned to it from the DHCP server when renewing
the IP lease. On some older DHCP servers, not requesting the same IP address could result in getting
a new IP address every time the GC-100 was reset.
*The GC-100 now supports a new mode of IR output called "GC-BL2 IR Blaster."  This mode should be
selected on the configuration pages whenever connecting a GC-BL2 IR Blaster to an IR output port on
the GC-100.  This mode is not compatible with IR blasters made by other manufacturers.
*A new parameter for the set_IR and get_IR commands called "BL2_BLASTER" is available.  This
parameter may be used to put an IR output port into "GC-BL2 Blaster" mode.

```
*****************************
Release Notes
GC-100 Release 3.0
*****************************
```
***GC-100 Version 3.0 Feature Notes***

*DHCP Support*
Network settings page now includes an option for setting the GC-100 to acquire
an IP address automatically from a DHCP server on the network. The factory
default is DHCP enabled.  If DHCP is enabled, and a DHCP server is not available
when the GC-100 powers on, the GC-100 will temporarily set its IP address to the
default IP address 192.168.1.70.

*Beacon*
The GC-100 will "announce" itself on the network now via a UDP beacon. The
beacon contains all the information an application may need to uniquely identify
a particular GC-100 unit and is compatible with AMX's new auto-discovery
protocol.  The beacon is sent 3 seconds after power on, and then at random
intervals between 10 and 60 seconds thereafter.

*Discovery and Configuration Utility*
There is a new utility that an installer can run to locate GC-100s on the
network.  The utility listens for the UDP beacon message and will display the
model number, IP address, and MAC address of any GC-100s on the network.  The
installer can also use the utility to configure any of the GC-100s found,
without going to the GC-100's configuration web pages.  This utility cannot be
used to locate or configure pre-B2.99 version GC-100s.

*Baud Rate*
The GC-100 serial ports now support 57600 bps.

*Commands*
The GC-100 will now support new commands, blink and set_IR, set_SERIAL, set_NET,
get_IR, get_SERIAL, and get_NET.  As always, all commands require termination
with a carriage return.

  The blink command can be sent to a GC-100 to cause the power light on the
  GC-100 to blink continuously.  This command is useful for physically locating
  a particular GC-100 (especially in a rack mount situation).  The syntax for
  the new command is:

    blink,1   to begin blinking
    blink,0   to end blinking

  The set_IR, set_SERIAL, and set_NET commands allow the developer to configure

any of the GC-100's settings via the TCP connection, rather than the
configuration web pages.  Settings are specified on a per connector basis so
all commands must contain a module number and connector number.  Please note
the network interface is considered module 0.  Each command is terminated with
a carriage return.  Commands and parameters are case-sensitive.

Syntax for these commands is as follows:

   set_SERIAL,2:1,[57600|38400|19200|9600|4800|2400|1200],
   [FLOW_HARDWARE|FLOW_NONE],[PARITY_NO|PARITY_ODD|PARITY_EVEN]

   set_IR,4:1,[IR|SENSOR|SENSOR_NOTIFY|IR_NOCARRIER|BL2_BLASTER]

   set_NET,0:1,[LOCKED],[DHCP|STATIC,192.168.1.70,255.255.255.0,192.168.1.1]

Settings are echoed back in response to a successful set_ command.  Any
parameters that are not understood will generate an invalidparam response.

Settings can also be queried using the get_ commands.

   get_SERIAL,2:1

   get_IR,4:1

   get_NET,0:1

*Error Code*
A new error response has been added.  The error code unknowncommand, 23  will be
returned if the command sent is not supported by a particular module type.

*Configuration Web Pages*
All new look and functionality to the web pages with updated graphics and
additional functions (such as the DHCP setting and higher baud rate).

*Soft Reset*
The GC-100 now performs a soft reset when changes are made to most of its
configuration settings.  Previously it performed a hard reset which would
cause the TCP connection to reset.  Now settings of the GC-100 can be set
on-the-fly without interrupting other operations, and without losing the TCP
connection.  Please note that changes to the network settings will still cause a
hard reset.

*Sensor Notifications*
This beta version eliminates the sensor notifications (enable/disable) setting
from the web pages, and replaces it with a new per connector setting Sensor In
with Auto Notify that performs the same function.

*Firefox Fix*
Fixed a bug that would cause the web pages to malfunction when accessed via
certain versions of Firefox (v. 2.0.3 or later).

***Global Cache' Contact Information***
Support: support@globalcache.com
Website: http://www.globalcache.com
Phone: 541-899-4800