

# System Controller



*The gSC2 is international voltage compatible*

## The Next Step in Home Control.

System integration is evolving, and ELAN is evolving with it. The new gSC2 is progeny of this evolution. Featuring a faster CPU, more memory, updated I/O and updated connectivity, the gSC2 is positioned to be the go-to controller for small-to-medium sized integration projects.

ELAN Controllers have been migrated to a whole new Linux platform and the gSC2 was designed specifically to optimize it. Programming is faster and the end-user experiences faster connections, quicker response to their inputs, and instant reaction to their requests. All g! hardware has a well-earned reputation for outstanding reliability. The gSC2 builds on that reputation with hardware that is free of moving parts, which increases reliability.

No hard drives, no fans, literally nothing to wear out, and the operating system is protected with internal redundancies that when added together significantly reduce the risk of catastrophic failure.

ELAN system controllers feature best-in-class third party integration and extensive ELAN customer support. With unparalleled support of top manufacturers like Lutron, Vantage, Aprilaire, Autonomic Controls, Schlage, Yale, Honeywell, KNX, Yamaha, Integra, Marantz, Hunter, and many more, as well as a solid offering of climate, audio/video, power, surveillance and entertainment equipment from ELAN, you will never have a lack for quality integration choices.

The gSC2 includes connections for (2) serial RS-232 devices, (2) ELAN sensors, (4) IR emitters (capable of driving dual emitters), (2) dry contact relays and (1) USB-A. More equipment can be controlled via Ethernet and the gSC2 is compatible with all ELAN Ethernet drivers. It is power efficient and may be single wire powered using Power over Ethernet (PoE)



*The gSC2 embraces the TCP/IP revolution with fewer serial ports than our previous controllers. If you need more serial connectivity the gSC10 is your controller.*

and includes Wi-Fi with an external antenna for areas where you don't have Ethernet connectivity but need control.

g!'s award winning interface is compatible with the widest variety of user interfaces including ELAN's touch panels, keypads and hand held remotes as well as PCs, Macs and smart devices running iOS and Android operating systems. No matter how or where you want to check on your home, ELAN and the gSC2 have you covered.



# gSC2 System Controller

ORDER NO. gSC2



## FEATURES

- Integrated IP, serial, and infrared control in a one-box design—control all of your devices, no matter what the format.
- Easy plug-n-play with any ELAN interface – Attach any ELAN interface or viewer-compatible tablet, smart phone, PC or Mac and it will automatically populate with the same look and feel, no matter which platform. 2-way IP control allows for quick, up-to-date, feature-rich interfaces.
- On-board relays – Easily integrate shades, garage doors, gates, and other contact closure controlled devices.
- On-board IR generation – With the one of the world’s largest IR database, there’s no need for IR pass through. Generate IR signals right from the controller.
- On-board sensor inputs – Go beyond control by automating events triggered by voltage, light, or signal sensing with ELAN sense products.
- Solid State Memory for Operating System (OS) storage – Ultra efficient fanless CPU with no moving parts means increased reliability and fewer points for failure.
- Compact design – The gSC2 is a physically small device that may be easily located on a shelf, wall mounted in a cabinet, or located in the structured wiring enclosure.
- Supports Master and Extender mode – Utilize an additional controller to extend ports and functionality. The gSC controllers also support the g1 controller as a UI, OSD and port Extender.
- Onboard Wi-Fi—Connect wirelessly and reliably with detachable external antenna.
- ViaNet compatible—Use your M86A, S1616A, TS2, TS2L, and C2 ViaNet products with the SC1 external interface. (sold separately).

CONNECTIONS	
RS-232	(2) RJ-45 Port
ELAN Sense	(2) 3.5mm Connectors (Stereo)
IR Outputs	(4) 3.5mm Connectors (Mono), - 12V DC
Relays	(2) 2-position screw terminals - 24V AC or DC, 1 Amp Maximum
USB	(1) USB 2.0 - 5V, 1 Amp
Ethernet	(1) RJ-45 Ethernet Port (PoE)
Wi-Fi	802.11 b/g/n
Power	Coaxial Type A, 2.5mm inside diam.

SYSTEM	
Software compatibility	g!7.0 and up
Updates	Network / USB

POWER	
PoE Compatible	IEEE 802.3 at Type 2 48V DC 600mA
<b>Power Consumption</b>	
- W/ Power supply	12V $\overline{=}$ , 7W
- W/ PoE	48V 7W

GENERAL	
Temperature	32 °F to 131 Degrees° F
Operating Humidity	90% Maximum (Non-Condensing)
Mounting	Free standing, wall mount brackets included
Product Dimensions	(in.) 8-1/2 W x 1-1/2 H x 5 D (mm) 216 W x 38 H x 127 D
Product Weight	1lbs 14.9oz / 0.88Kg
Packaged Shipping Dimensions	(in.) 10-1/8 W x 3-1/8 H x 9 D (mm) 258 W x 80 H x 229 D
Packaged Shipping Weight	3lbs, 7oz / 1.56Kg
Certifications	cTUVus, CE, FCC, C-Tick
Included in box	(1) 12V DC Power Supply with international blades (2) Wall mount brackets with mounting hardware (2) P/N 8900597 DB9 Male to RJ45 adaptors (1) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) Relay Wiring Connector (1) Removable Wi-Fi antenna (1) Quick Install Guide



[www.elanhomesystems.com](http://www.elanhomesystems.com)