

gSC2 SYSTEM CONTROLLER

ORDER NO. gSC2



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.

g! has 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. g! hardware has a well-earned reputation for outstanding reliability. The gSC builds on that with new hardware that is free of moving parts, which increases reliability. No hard drives, no fans, literally nothing wear out and the operating system is protected with internal redundancies that when added together significantly reduce the risk of catastrophic failure.

g! system controllers feature best-of-breed third party integration and extensive ELAN and Core Brands 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 lighting, climate, camera, power conditioning and entertainment gear from ELAN and our Core Brands, you will never 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 is being controlled via Ethernet and the gSC2 is compatible with all g! Ethernet drivers. It is power efficient and may be single wire powered using power over Ethernet (PoE) 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.



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.



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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 g! interface – Attach any ELAN interface or g! 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 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 SC 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
Power Consumption	
- W/ Power supply	12V DC – 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) 12VDC 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 adaptor (1) Relay Wiring Connector (1) Removable Wi-Fi antenna (1) Quick Install Guide

