

System Controller



The gSC10 is international voltage compatible

The Top of The Evolutionary Ladder.

When it comes to system integration controllers you are unlikely to need more than the gSC10 can accommodate. Featuring a faster CPU, more memory, extensive I/O and flexible connectivity, the gSC10 is designed to integrate medium-to extra-large projects.

Working on a Linux foundation and designed specifically to optimize the latest version of ELAN now and in the future, the gSC10 is built for ultimate performance and reliability. The gSC10 uses the latest processing technology and more efficient code to improve response time for both the technician and the end-user. While the g! series controllers have been celebrated for their ultra-dependable nature, the gSC10 goes even further by eliminating all moving parts and using internal redundancies to virtually eliminate 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 with drivers that make programming a snap.

The gSC10 includes connections for (8) serial RS-232 devices, (2) serial RS-485 devices, (4) ELAN sensors, (10) IR emitters (capable of driving dual emitters), (10) dry contact relays and (1) USB-A, and connects through the PoE (Power over Ethernet) port to Ethernet-controlled systems. Should the need arise, the gSC10 also includes

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

ELAN'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. The gSC10 is designed to fully exploit the capabilities of the ELAN g! when used as an extender to supply OSD, expand the ELAN user experience, and to provide additional I/O.

No matter how or where you want to check on your home, ELAN and the gSC10 have you covered.



gSC10 System Controller

ORDER NO. gSC10



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 ELAN 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 gSC10 packs amazing punch into a single rack space and includes rack mount hardware.
- 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	(8) RJ-45 Port
RS-485	(2) RJ-45 Port
ELAN Sense	(4) 3.5mm Connectors (Stereo)
IR Outputs	(10) 3.5mm Connectors (Mono) - 12V DC
Relays	(10) 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 \approx , 10W
- W/ PoE	48V 10W

GENERAL

Temperature	32° F to 131° F
Operating Humidity	90% Maximum (Non-Condensing)
Mounting	Free standing, Rack mounted 1U
Product Dimensions	(inches) 17 W x 2-1/4 H x 14 D (mm) 432 W x 57H x 356 D
Product Weight	8lbs, 11oz / 3.95kg
Packaged Shipping Dimensions	(in) 20-3/8 W x 3-3/8 H x 20-3/8 D (mm) 518 W x 86 H x 470 D
Packaged Shipping Weight	12 lbs, 8oz / 5.7kg
Certifications	cTUVus, CE, FCC, C-Tick
Included in box	(1) 12V DC Power Supply with international spades (1pr) Rack Mount Brackets (7) P/N 8900597 DB9 Male to RJ45 adaptor (2) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) P/N 8900598 DB9 female to RJ45 adapter (2) Relay wiring connector (1) Wi-Fi antenna



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