



- OPEN API/OPEN SYSTEMS
- FUTURE PROOF
- WIRED, POE, 2 PORT ETHERNET SWITCH
- CLOUD CONNECTED - TRUE IOT
- MODULAR
- SERIAL, IR, RELAY, SENSOR, HDMI
- RASPBERRY PI
- SCALABLE
- BACKWARDS COMPATIBLE

DATA SHEET - GCRP

GLOBAL CONNECT

Raspberry Pi Module (GCRP)

CONNECT. COMMAND. CONTROL.

UNPARALLELED CONNECTIVITY

Global Connect is the next generation for IP connectivity and control. With options for connecting serial, IR, relay, and HDMI switching to a network, it is easier than ever to manage and deploy equipment and have an easy method to control those devices. Utilizing a Raspberry Pi, a small computer supported by the open source community, when needed provides additional options for customization and interface, including enhanced cloud connectivity. Global Connect provides a scalable solution with unlimited possibilities. If you need to connect to it, you only need one solution. Connect globally with Global Connect.

INNOVATION THROUGH AUTOMATION

Global Connect is comprised of three elements: the chassis, the number of slots per chassis, and modules. Global Connect offers five chassis sizes, some of which have rack mount options, and others are freestanding. Each chassis, according to its size has a certain number of slots, from 10 slots to a 3 slot chassis. Modules can require either one or two slots. The Raspberry Pi is the only module requiring three slots.

INFINITE POSSIBILITIES

RPi Platform with HDMI, RP module (3 slots). The Raspberry Pi is a tiny inexpensive single board computer. The GCRP is a Raspberry Pi Module allowing for the simple addition of a Raspberry Pi board to the GC chassis. The addition of a Raspberry Pi to the GC Chassis provides unlimited opportunities for control and automation, including resident control software, hub software for cloud-based software and/or voice controlled user interfaces, video streaming, and more. The GCRP can be combined with other GC modules in any configuration up to 10 module slots. The GCRP populates 3 GC chassis slots, requires a GCSW-P network module, and is available in a rack mount unit.

Chassis Options 19" Rack Mount

Networking Modules GCSW-P: 2 slots; 2 ports RJ45 10/100 ethernet switch; PoE (recommended with Raspberry Pi)

Other Available Modules IR, Serial, Contact Closure, Sensor, HDMI



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CONNECT ANY DEVICE TO A NETWORK.

GCRP MODULE FEATURES

- Pre-compiled Linux images built for the RPi
- Ships with 8G microSD card
- Tremendous community support
- Stream HDMI
- Built in WiFi dual-band 802.11b/g/n/ac and Bluetooth 4.2 BLE
- 1.4GHz Quad Core Processor
- 1GB DDR2 SDRAM
- Add On-board computing power
- Video streaming with an HDMI output connector on the GC faceplate
- Requires 3 GC Chassis slots
- Recommend GCSW-P network module for best network cable management
- Two year limited warranty
- Support available via phone, email, and portal
- Certifications: Tested to CE, FCC, CTick, RoHS

AVAILABLE INTERFACES

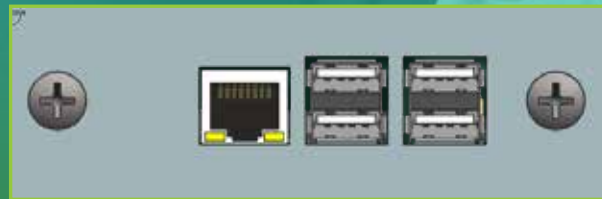
- 4 x USB 2.0
- 1 x Ethernet 10/100/1000 mbps, Full-duplex
- 1 x HDMI 1.4



RPI/INS/HM/2SL/IR



Note: For a list of all available pre-configured Global Connect models, see Global Connect Product Overview.



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