Global Caché
Global Connect



OPEN API/OPEN SYSTEMS
FUTURE PROOF
WIRED, POE, 2 PORT ETHERNET SWITCH
CLOUD CONNECTED - TRUE IOT
MODULAR
SERIAL, IR, RELAY, SENSOR,
HDMI 3:1 SWITCH
RASPBERRY PI
SCALABLE
BACKWARDS COMPATIBLE

DATA SHEET - Global Connect

GLOBAL CONNECT
Product Overview

CONNECT. COMMAND. CONTROL.

UNPARALLELED CONNECTIVITY

Global Caché's modular Global Connect is the newest high performance family of connectivity products from the company that has revolutionized the way you connect, command, and control. Built with performance, flexibility, and empowering in mind, Global Connect, designed based on open systems to work with any control software or hardware, delivers a simple cost-effective way to extend the reach of any control system, from legacy proprietary systems to leading-edge apps and cloud based control software; from retrofits, current projects, and to future installations.

INNOVATION THROUGH AUTOMATION

Known for award-winning products connecting infrared (IR), serial (RS232 and 485), relay (contact closure), and sensor input, to a WiFi or wired network, Global Caché introduces Global Connect, adding the ability to build the scalable I/O you need, offers dozens of standard configurations, with added modules including local computing capability (Raspberry Pi), and 3:1 HDMI switching. Delivering true IoT, Global Connect features individual IP addresses for each module with individual web pages for easy configuration, advanced addressability, and backward compatibility to current Global Caché hardware. Employing the open source Raspberry Pi, control and security software can reside on the hardware itself. Global Connect is the perfect enhancement and addition to our current product lines.

INFINITE POSSIBILITIES

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.



GLOBAL CONNECT

DATA SHEET

CONNECT ANY DEVICE TO ANY NETWORK

Global Connect is the next generation for IP connectivity and control. With options for connecting serial, IR, relay, sensor input, and an HDMI 3:1 switch to the network, it is easier than ever to manage and deploy equipment and have an easy method to control those devices. Utilizing the Raspberry Pi provides additional options for customization and interface, including cloud connectivity, and a voice-controlled interface.

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.

AVAILABLE PRE-CONFIGURED MODELS*

Freestanding 3 Slot Chassis - 4.5" (chassis and power supply included)
- GC3/NE/HM
- GC3/NE/SL/IR
- GC3/NE/2SL
- GC3/NE/RT

Freestanding 4 Slot Chassis - 6" (chassis and power supply included)
- GC4/NE/HM/SL
- GC4/NE/HM/IR
- GC4/NE/2SL/IR
- GC4/NS/2SL
- GC4/NE/IR/RT
- GC4/NE/SL/RT
- GC4/NS/SL/IR

Freestanding 5 Slot Chassis - 7.5" (chassis and power supply included)
- GC5/NE/HM/2SL
- GC5/NE/HM/SL/IR
- GC5/NE/SL/IR/RT
- GC5/NE/4SL
- GC5/NE/3SL/IR
- GC5/NS/2SL/IR
- GC5/NS/HM/SL

Freestanding 7 Slot Chassis - 10.5" (chassis and power supply included)
- GC7/NS/HM/2SL/IR
- GC7/NS/2SL/IR/RT
- GC7/NE/2SL/2IR/RT
- GC7/NE/SL/IR/2RT
- GC7/NE/6SL

Freestanding 10 Slot Chassis - 15" (chassis and power supply included)
- GC10/NE/HM/3SL/2IR/RT
- GC10/NS/2SL/2IR/2RT
- GC10/NS/HM/2SL/2IR/RT

Rack Mount Raspberry Pi with 7 Slot Chassis - 19" (Raspberry Pi, SD micro card, chassis, cabling, mounting hardware and power supply included)
- RPI/NS/HM/2SL/IR
- RPI/NS/2SL/IR/RT

Rack Mount Platform w/o RbPi. Includes 7 Slot Chassis - 19" (Rack, cabling, mounting hardware and power supply included)
- RPP/NS/HM/2SL/IR
- RPP/NS/2SL/IR/RT

Rack Mount 10 Slot Chassis - 19" (chassis, mounting hardware and power supply included)
- RMT/NE/HM/3SL/2IR/RT
- RMT/NS/HM/2SL/2IR/RT
- RMT/NS/2SL/2IR/2RT
- RMT/NS/4SL/2IR/RT

Certifications
- Tested to CE, FCC, CTick, RoHS



GC3/NE/HM



GC3/NE/2SL



GC5/NS/HM/SL



GC7/NE/6SL



RMT/NE/HM/3SL/2IR



RP/NS/HM/2SL/IR

***MODULE OPTIONS**
NE: Ethernet/Power
NS: Ethernet Switch/Power/PoE
RPI: Raspberry Pi, Enclosure, Rack Mount
RPP: Raspberry Pi Platform, Enclosure, Rack Mount
RMT: Rack Mount
HM: HDMI 3:1 Switch
SL: Serial RS232
IR: 3 Emitter IR Ports/Sensor Inputs (3 emitters/1 blaster incl)
RT: 6 Relays, 3 Amp

Note: RPI module is not powered by PoE.

Global Caché

160 East California Street
PO Box 1659
Jacksonville, OR 97530

www.globalcache.com

541.899.4800 tel
541.899.4808 fax

© 2019 Global Caché, Inc. All Rights Reserved. All brand names, products, and trademarks are property of their respective owners. Information subject to change without notice. DN: 060917-01 ver. 3. Printed on recycled paper with soy inks.