IBM®

IBM Global 2x16 Console Manager (GCM2)
IBM Global 4x16 Console Manager (GCM4)

Highlights

- **CAT5 cabling with industry-standard RJ45 connectors for secure, quick connections**

- **Non-intrusive operation that does not interfere with critical server operations or network resources**

- **Intuitive graphical user interface and multi-platform support**

- **Password protection for access control within the rack environment**

- **Firmware upgrades available through an upgrade utility, enabling future hardware compatibility**

The All-in-One Data Center Solution
The IBM® Global Console Manager appliances offer simple, reliable and convenient control for today's enterprise environments. They enable server administrators to centrally manage up to 2048 servers using multiple tiered appliances — from virtually anywhere — using simple keyboard, video and mouse (KVM) commands. The rack-mountable appliances support a wide variety of operating systems, feature CAT5 cabling for reduced cable bulk and include virtual media capabilities. The 2x16 Console Manager appliance provides simultaneous access for up to three users (2 remote, 1 local), while the 4x16 appliance supports up to four users (3 remote, 1 local or 4 remote). Working over standard IP-based connections, the appliances give IT personnel the ability to manage their data centers from any location, anywhere in the world.

Intelligent Cable Management
The appliances come with a CAT5-designed smart cable interface, which dramatically reduces cable clutter and enables optimal video displays. Using IBM Conversion Option cables (available for PS/2, USB and USB2), administrators can access a variety of target devices, ranging from servers and routers, to removable media and CD drives. The built-in memory of the cable simplifies configuration by assigning and retaining unique identification codes for each attached device. This integrated intelligence enhances security and helps prevent unauthorized access through cable manipulation. The cable is powered directly from the target device, providing Keep Alive functionality even when the appliance is not powered on.

Flexible Access and Control
For complete system administration, both appliances feature the On-Screen Configuration and Activity Reporting (OSCAR®) interface. This password-protected tool provides convenient access and control of target devices. It uses intuitive menus for point-and-click configuration and device selection. With the IBM Virtual Console Software, administrators can also manage remote devices through virtual media sessions. They can install, upgrade or recover the operating system; update the BIOS code; or restart the device — simply by using an Ethernet connection. These capabilities make the appliances ideal for managing complex environments from a single point of control.

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Mechanical

Height: 1.72 in. (4.37 cm)

Width: 17 in. (43.8 cm)

Depth: 10.98 in. (27.98 cm)

Weight: 7.3 lbs. (3.31 kg) without cables

Environmental

Operating Temp: 32 to 104 degrees F (0 to 40 degrees C)

Storage Temp: -4 to 158 degrees F (-20 to 70 degrees C)

Humidity: 10 to 95% noncondensing

Power

Operating Voltage: 100 to 240 VAC

Power Frequency: 50 to 60 Hz autosensing

Input Power: 40 W Maximum

Current Rating: 0.5A

Supported Hardware

Computers: PS/2, USB, USB2

Monitors: VGA, SVGA and XGA

Local Port: 1600 X 1280 at 75 Hz

Cabling Options: PS/2, USB, USB2, Sun and Serial using Avocent™ AVRIQ cables

Input Cable: 18 AWG three-wire cable with a three-lead IEC-320 receptacle with C14-type connector on the power-supply end and a country- or region-dependent plug on the power resource end

Ports

One local console connection via 15-pin VGA monitor, PS/2 or USB mouse, PS/2or USB keyboard

Four USB ports for (1) Keyboard, (1) Mouse, (1) USB Mass Storage Device, (1) USB CDROM Device

One serial RS232 connection for appliance management and configuration

One RJ-45 10/100/1000 network connection for Ethernet access to the appliance and attached devices

16 CAT 5 system connections (RJ-45 jacks) provide connectivity for devices via standard CAT5 UTP cable (10 meters maximum) One USB2 device connection provides connectivity for up to four virtual media devices

Need more information?

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