Avocent® Universal Management Gateway
The converged management solution for complete data center access and monitoring

Key Benefits

Simplified Remote Management

- Consolidates access to rack assets, improving SLA performance and enabling higher business value

- Standardizes infrastructure management and offers scalability to meet growing business needs

Universal Connectivity

- Enables full data center access and monitoring, reducing complexity and accelerating IT standardization

- Protects infrastructure management investments and eases data center transitions with full integration into legacy as well as cutting edge platforms

Real-Time Visibility and Control

- Manages assets from a single pane of glass, in real time, enhancing data center efficiency and increasing uptime

Multi-Tenant Security

- Creates a secure environment, improving compliance and auditing tasks for customers considering Colocation and Cloud implementations

Avocent® Universal Management Gateway 6000

The Avocent® Universal Management Gateway appliance is the first converged management appliance that enables customers to remotely manage any device, in any location, from any vendor, at any time in a secure, centralized manner.

Exclusively, the appliance uses proven technology to deliver a single, unified approach for data center infrastructure management (DCIM). The appliance integrates Digital KVM, Serial Console, Service Processor and Environmental Management in a single U platform, enabling customers to experience complete data center access and monitoring.

Secure Centralized Remote Management

The Avocent® Universal Management Gateway appliance converges Avocent access and control technologies into a single platform, creating a simplified way to manage IT assets (compute, network and storage), regardless of vendor or operating system, regardless of technology. When used in combination with the Avocent DSView™ management software, data centers gain a total solution for secure access and control of any supported physical or virtual asset. Built-in auto-sensing and auto-discovery features provide the flexibility needed for data centers to consolidate tools and operate with optimal efficiency.

The Avocent® Universal Management Gateway appliance is the next generation data center management appliance, enabling holistic visibility of the data center.

Real-Time Data Collection in the DCIM Environment

The Avocent® Universal Management Gateway appliance provides a path to the *Trellis™* platform, Emerson Network Power's revolutionary solution for DCIM. Deployed locally or remotely, the appliance enables both real-time data collection and closed-loop control over IT and facilities equipment.

The appliance is available in the following models:

	UMG 2000	UMG 4000	UMG 6000
Service Processor Management (SP)	up to 256	up to 512	up to 1024
Serial Console Management	✔	✔	✔
Digital KVM		✔	✔
Environmental Management		✔	✔
Number of Access Ports	40	40	40
Number of Consecutive KVM Sessions	n/a	40	40
Auto-Sensing Ports (KVM, Serial, SP)	Serial/SP only	40	40

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EMERSON™
Network Power

Features

Service Processor Support*
- IPMI 1.5, IPMI 2.0
- HP iLO
- Dell DRAC, iDrac
- Cisco UCS-C
- FSC iRMC
- IBM RSA, IBM Bladecenter
- Sun ALOM, Sun ILOM, Sun eLOM

Server Management
- Console access via SoL and vKVM
- Console data logging (local, NFS, Syslog)
- Power on/off/cycle/status support
- Graceful shutdown support (IPMI only)
- System event logs (SEL)
- Hardware environmental sensors
- Alert management
- Platform event traps (PET)

User Interface
- Built-in Consoles
  - Secure WebUI
  - CLI/SSH
  - VGA
- Avocent DSView™ 4 Management Software
  - Centralized management
  - IT device control
- SSH
- Local VGA and USB access

Specifications

MECHANICAL
Size (W x D x H)
1.70 in. (43.1 mm) X 17.1 in. (434 mm) X 20.0 in. (508mm)
Weight: 26 lbs (11.7 kgs)

ENVIRONMENTAL
Ports/Connections
Device Ports: 40 RJ45
Device Port Type: Auto-sensing (except the 2000, 32 SP)

Power Supply
Dual Internal (redundant)
AC Input Range: 100 – 240V

Power Usage
UMG 2000
120V 0.5amp, 240V 0.37amp

UMG 4000
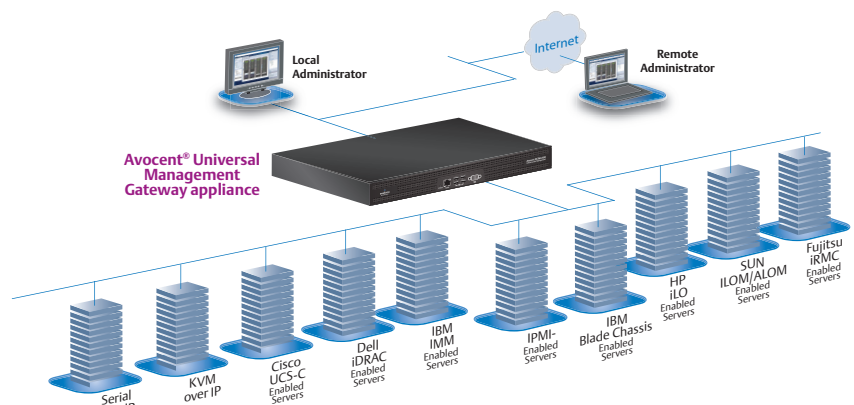120V 1.15amp, 240V 0.68amp

UMG 6000
120V 1.24amp, 240V 0.71amp

Standards
Approved Agency UL, FCC, cUL, ICES-003, CE,
VCCI, KCC, C-Tick, GOST

Warranty
Two years

* Please see most recent release notes for exact firmware versions supported

Avocent® Universal Management Gateway appliance

ORDERING DETAILS

PART #	DESCRIPTION
UMG2000-400	UMG 2000 40P,256SP, 8SRL, 1000DP
UMG4000-400	UMG 4000 40P(AS) 512SP 5000DP
UMG6000-400	UMG 6000 40P(AS) 1024SP 10KDP
UMIQ-V1	UM KVM MODULE - VGA SINGLE RJ45
UMIQ-V2	UM KVM MODULE - VGA+SP DUAL RJ45

MAINTENANCE

Use the following key to create the maintenance SKU to suit your needs:

X**Y**AAA-**UMG**CCCC

Model
CCCC=2000, 4000 or 6000

Type
AAA=SLV (Silver) or GLD (Gold)

Year
X=1, 2 or 4

Example of the final SKU:
2YSLV-UMG4000

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