

# UMIQ Module

Universal Management IQ Module v1 and v2



## HELPFUL RESOURCES

Product documentation downloads are available at:

[www.avocent.com/manuals](http://www.avocent.com/manuals)

Search for additional product information at:

[www.avocent.com](http://www.avocent.com)

For further assistance contact Avocent Technical Support.

**NOTE:** UMIQ modules are available with single or dual ports.

## About the UMIQ module

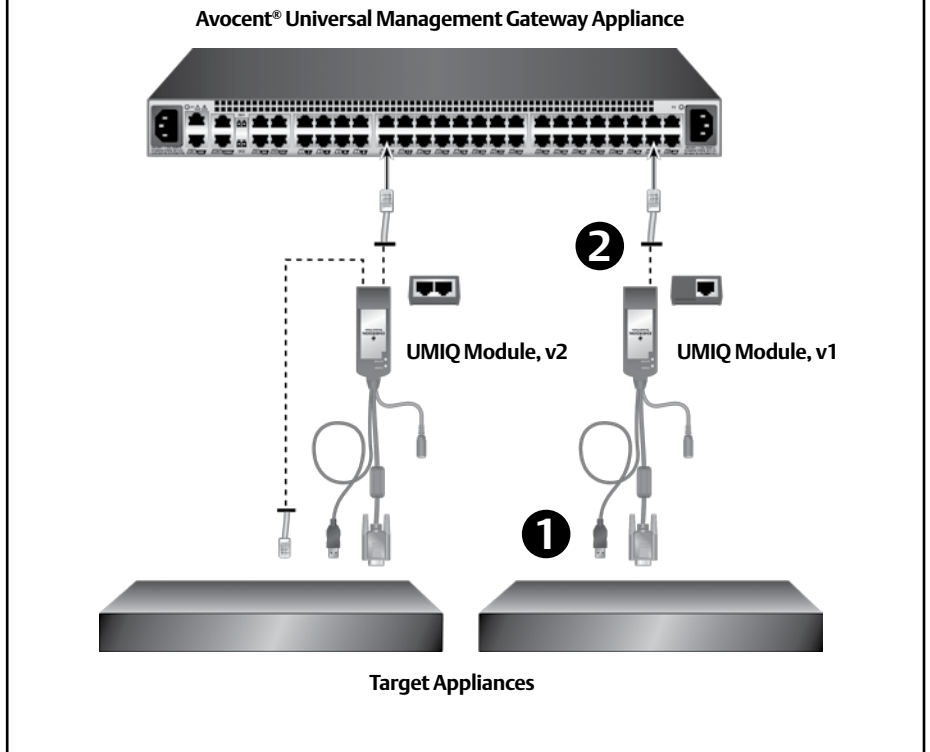
The UMIQ module converts keyboard, video and mouse (KVM) and smart card signals from a target to digital IP data, enabling bi-directional control of the attached target by a remote user.

The module draws its operating power from the connected server over USB. The Avocent® Universal Management Gateway appliance provides stand-by power over the CAT 5 cable, which keeps the module in a suspended state. It is important that networking equipment is never used in the connection path between the appliance and the module since stand-by power will damage networking devices (switches/routers/firewalls).

**NOTE:** Stand-by power is not compatible with Power over Ethernet (PoE) devices.

There is an external DC power cable option available which can be connected to a 5V DC power supply. See the *Safety, EMC and Environmental Approvals and Markings* section for more information.

## UMIQ module configuration



### 1 Connecting a target device to the module

Plug the module, DB15 (VGA) and USB connectors into the appropriate target ports. Repeat this procedure with additional modules for each target that is to be connected to the Universal Management Gateway appliance.

### 2 Connecting the module to your appliance

Connect one end of a CAT 5 cable into an available port on the back of the appliance and the other end into the module's RJ-45 connector. For modules with two RJ-45 ports, the other port can be used to connect to a dedicated service processor.

**NOTE:** Maximum cable length is 100 meters. It can pass through patch panels, but not any electrified network device.

### 3 Turning on the target system

Ensure the target is turned on before attempting to establish a remote KVM session.

### 4 Updating the initial firmware

When connecting the module to an appliance for the first time, the module will automatically receive a firmware update. Ensure the module remains connected until the update is complete.



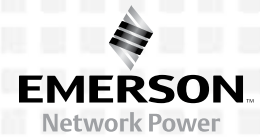
To Contact Avocent Technical Support: Visit [www.avocent.com](http://www.avocent.com)

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590-1080-501C

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## For more information

Visit [www.avocent.com](http://www.avocent.com) for more information about your Avocent® Universal Management Gateway appliance or UMIQ module.

## USA Notification

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Canadian Notification

This Class A digital apparatus complies with the Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## Japanese Notification

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI-A

## Korean Notification

기종명	사용자 안내문
A급 기기 (업무용 정보통신기기)	이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며 만약 잘못 구매 구입 하였을 때에는 가정용으로 교환하시기 바랍니다.

## European Union

**WARNING:** This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## Safety, EMC and Environmental Approvals and Markings

Safety certifications and EMC certifications for this product are obtained under one or more of the following designations: CMN (Certification Model Number), MPN (Manufacturer's Part Number) or Sales Level Model designation. Designations that are referenced in the EMC and/or safety reports and certificates are printed on the label applied to this product.

For use with Listed Information Technology Equipment (I.T.E.).

External power supply (optional and sold separately): For safe use when using the optional external power supply, only use the UMIQ-PS power supply provided by Avocent/Emerson. Please contact an Avocent sales representative or authorized distributor for details.



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