



# Avocent Professional A/V Extension Solutions

## Emerge™ ECMS1000 KVM, Audio and Serial Extension

### FEATURES AND BENEFITS

- **Multiplatform.**  
Easily connects to computers with either USB or PS/2 connections.
- **User Peripherals.**  
Extends keyboard, video, mouse, speakers, microphone and serial devices up to 1000 feet with UTP cable type.
- **Skew Compensation.**  
This unique feature will automatically compensate for video skew and signal loss, delivering clear crisp video images up to 1000 feet at a resolution of 1280 x 1024.
- **Dual Mode.**  
The dual mode transmitter supports a second user connection locally at the target computer or remotely up to 1000 feet away with an additional ECMS1000 receiver unit.
- **Small Form Factor.**  
The small form factor user station supports desk and flat panel monitor mounting with optional hardware.
- **OSD.**  
Configuration and system information is easily accessed and updated via the on-screen display.
- **Ease of Installation.**  
The single cable-to-desk design simplifies installation while making it easier for you to move, add or change configurations.
- **Keyboard Compatibility.**  
Supports Avid-Pinnacle FAK and Chyron Duet keyboards.

Extend your display and control up to 1000 feet from computers with a single UTP cable

- The Avocent® EmERGE™ ECMS1000 extender allows PS/2 and USB keyboard, video and mouse (KVM) peripherals to work seamlessly from up to 1000 feet away from your server.

The ECMS1000 allows the physical separation requirement up to 1000 feet with any UTP cable without compromising your image quality. The simple transmitter and receiver pair design allows for ease of installation and simple deployment. Its industry-standard design makes the ECMS1000 extender compatible with virtually any PC, display technology and operating system. Installation requires no new drivers or software.

The production environment is full of specialized applications that run on computers including: Non-linear Edit Systems (NLE), Digital Audio Workstations (DAW), Character Generators (C.G.), and Animation stations. All of these devices share four major problems: they create heat, they require large amounts of technical power, they generate a level of background noise that is unacceptable in the production environment, and they present a security risk to the content stored on them. The EmERGE ECMS1000 removes the requirement for technical power in the edit suite, resolves the problem of high ambient noise in the creative space, and eliminates ability to copy content to unsecured storage devices.



*ECMS1000 is part of the Avocent EmERGE extension solutions family that includes analog and digital products supporting extension over copper, fiber and wireless media. For additional information please contact an Avocent EmERGE sales representative.*

# EMERGE™ ECMS1000 EXTENDER SPECIFICATIONS

## MECHANICAL

**Height:** 1.06" (27mm)  
**Depth:** 7.40" (188mm)  
**Width:** 8.27" (210mm)  
**Unit Weight:** 2.2lbs (1Kg)  
**Shipping Weight:** 4.4lbs (2Kg)

## ENVIRONMENTAL / POWER / HARDWARE

**Operating Temperature:** 0°C (32°F) to 40°C (104°F)  
**Storage Temperature:** 20°C (-4°F) to 50°C (122°F)  
**Power In 100:** 250VAC @ 0.7-0.3A  
**Power Consumption:** 25W  
**Computer:** PS/2 and USB machines  
**KVM Switch:** PS/2 and USB local ports  
**Video Resolution:** 1280 x 1024 at 60 Hz up to 1000 feet over UTP cable; supports 1600 x 1200 up to 100 feet over UTP cable  
**Peripherals:** PS/2 and USB keyboard / mouse, audio in/out, serial devices and VGA video

## STANDARDS

**Approvals:** cUL, UL, CE, FCC15 Class A, VCCI-A.

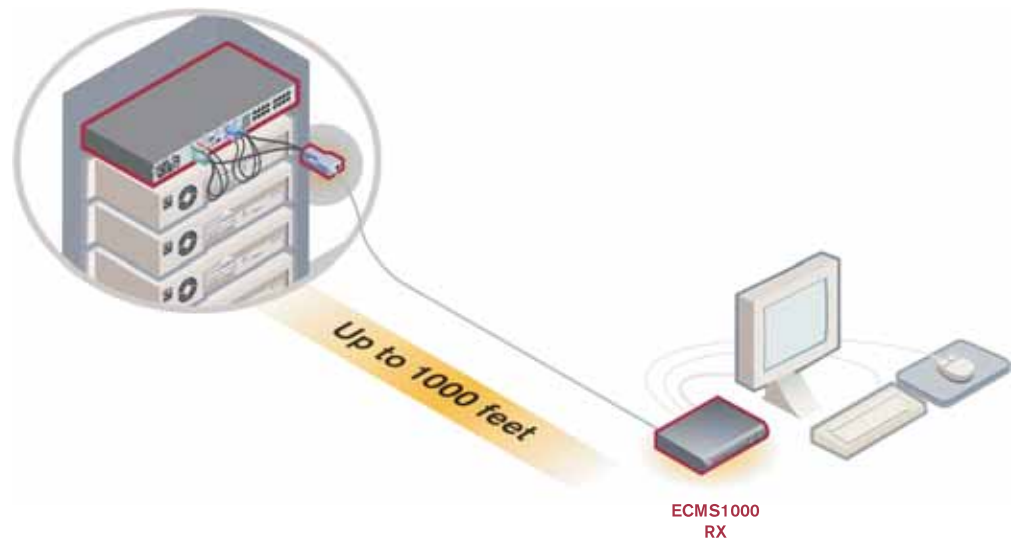
## ORDERING DETAILS

**ECMS1000P** Receiver with PS/2 transmitter  
**ECMS1000U** Receiver with USB transmitter  
**AMIQDM-VSN** SUN transmitter only  
**DMK-02** Desk mounting option  
**MMK-01** Flat panel monitor and wall mounting option  
**RMK-45** Rack mounting kit option

## WARRANTY

Two years

The Emerge ECMS1000 extender is a point-to-point KVM, audio and serial device extender up to 1000 feet. The system is a transmitter/receiver design with an interconnecting UTP cable. The skew compensation feature supports any combination of UTP cable in the extension path as well as patch panel interfaces. If the connection path is altered in any way during operation, the ECMS1000 will automatically adjust without any manual adjustment or user intervention.



ECMS1000 KVM Switch Extension



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