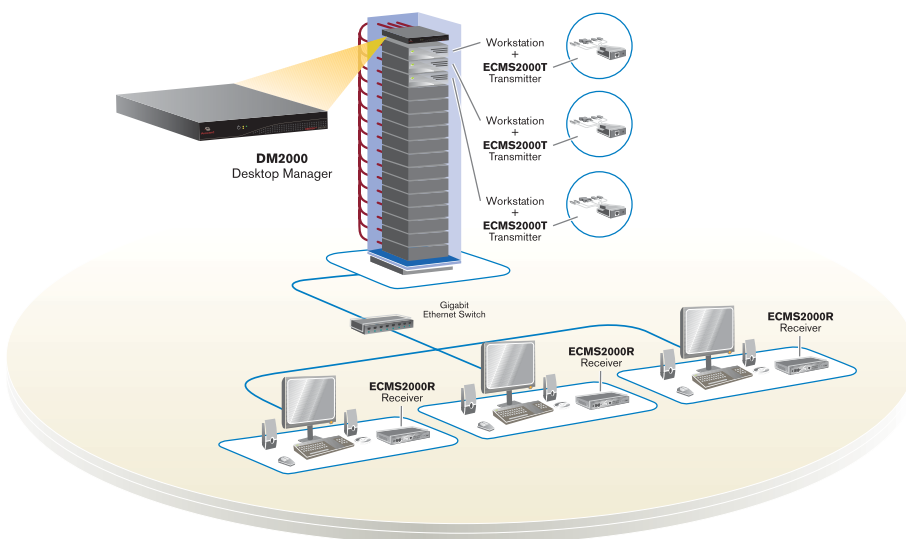# Emerge® DM2000
Desktop Manager

Managed KVM switching and extension

The Avocent Emerge DM2000 desktop manager provides centralized management and control of Emerge ECMS2000 extender transmitters and receivers, allowing them to serve as endpoints of a high performance LAN-based KVM switch. This solution provides media professionals with uncompromised switched KVM access to business critical broadcast and post-production video editing systems.

Based on Gigabit Ethernet and highly optimized extension technology, the Avocent ECMS2000 extender and the DM2000 desktop manager products provide the image quality and responsiveness associated with distance-limited analog KVM switches and the unlimited distance benefits previously only available through less responsive KVM over IP switches. In addition to near lossless video and snappy mouse response, these third-generation network-based products deliver CD quality audio and seamless extension of USB mass storage devices.

The Emerge DM2000 desktop manager provides ease of workstation maintenance, management, and access in a secure environment. Through centralization of computer assets, the user benefits from a noiseless working environment, optimized work area space, and serviceability. Key security features allow administrators to enforce access restrictions to critical systems with granular settings that permit server access only from select user stations; and audit logging for full logging of all system access. The DM2000 desktop manager includes web based management of user access rights to allow users to change desk locations without the need for the administrator to reconfigure each desk to provide access. Web based management allows adminstrators to perform system administration and setup right from their desk.

DM2000 Desktop Manager

Workstation + ECMS2000T Transmitter

Workstation + ECMS2000T Transmitter

Workstation + ECMS2000T Transmitter

Gigabit Ethernet Switch

ECMS2000R Receiver

ECMS2000R Receiver

ECMS2000R Receiver

FEATURES AND BENEFITS

- **Centralization of Computer Assets.** KVM switching and extension allows business-critical workstations to be maintained in a secure location where they can be properly monitored and maintained. Noisy systems are removed from the work area to allow for critical viewing and listening of content. Conditioned power and backup can be centrally maintained. Shared access may be provided to expensive workstations. Users may access workstations from various locations as if sitting directly in front of it.

- **Security.** Centralized login credentials allow administrators to enforce access restrictions to critical systems. Granular settings allow administrators to permit server access only from select user stations. This ensures that secure data cannot be viewed from non-secure areas.

- **Audit Logging.** Provides full logging of all system access including user login, login status, connection times, disconnection time, and system update.

- **Web Based Management of User Access Rights.** Users can gain access to their computer from any desk once their login credentials have been approved by the DM2000 desktop manager. This means the users can change desk locations without the need for the administrator to reconfigure each desk to provide access.

- **Web Based Management.** Administrators can conveniently perform system administration and setup right from their desk.

EMERGE® DM2000 DESKTOP MANAGER

Technical Specifications

Mechanical / Power
Size (H x W x D): 1.7 x 16.8 x 14.62 in (4.3 x 42.7 x 37.1 cm),
1U form factor
Weight: 13 lbs (5.9 Kg)
AC input voltage: 100 - 240 VAC
Input current/frequency: 4A maximum/50 - 60 Hz
Output power: 260 W maximum
Output voltages: +3.3 V (15 A), +5 V (25 A), +12 V (18 A), -12 V (1 A)
BTU Rate: 1400 Bus/hour (for rated output power of 260 W)

Hardware Environmental
Operating Temperature: 32°F (0°C) to 95°F (35°C)
Storage Temperature: -31°F (-35°C) to 158° F (70°C)
Humidity: 10% to 90% (Non-condensing)

Network Connection
Type: (2) Ethernet, 10BaseT, 100BaseT, GigE Connector
Connector: RJ-45

Serial Port
Type: (1) RS-232 serial port
Connector: DB-9 male

Standards
Electromagnetic Emissions: FCC Class B, EN 55022 Class B, EN 61000-3-2/-3-3, CISPR 22 Class B
Electromagnetic Immunity: EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000- 4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)
Safety: EN 60950/IEC 60950-Compliant, UL Listed (USA), CUL Listed (Canada), TUV Certified (Germany), CE Marking (Europe)

Warranty
Two years

Ordering Details

Part Number	Description
DM2000	Desktop Manager

The Avocent Emerge DM2000 desktop manager and the Emerge ECMS2000 digital workstation extender work together to deliver unparalleled gigabit-based switching among broadcast and post-production editing systems for DVI video, CD quality audio, and USB mass storage devices.