

CCKM

KE Matrix Management Software



ATEN's KE Matrix Management Software provides IT administrators with tools to centralize the control and management of KE series devices in their IT environment. It allows easy administration of all KE series devices with a user-friendly, web-based GUI.

The KE Matrix Management Primary-Secondary architecture safeguards data transmissions through builtin redundancy factors, including automated database backup of primary and secondary servers and devices in addition to real-time database updating. Redundancy ensures that if any server hosting the KE Matrix Management Software goes down, the system will remain functioning, since a redundant secondary server maintains all the required services until the primary server comes back up.*

Through ATEN's KE Matrix Management Software, the KE series devices provide advanced features for username and password authentication, user authorization and auto-detection of all devices – that can be switched and shared. With security transmissions in mind, the KE series devices implement AES encryption, while RADIUS, LDAP and AD ensure secure authentication.

IT administrators receive the following benefits implementing the KE Matrix Management Software:

- Advanced features for multi-displays, video grouping, fast switching, profile broadcasting, and media playback scheduling.
- Greater access with quick and easy control tools for configuration of KE devices.
- Secure and reliable access with AES encryption and server redundancy.

Note: KE series includes [KE6900](#), [KE6940](#), [KE6900ST](#), [KE8950](#), and [KE8952](#).

* To set up server redundancy, installation of the CCKM USB license key on both the primary and secondary servers is required.



Features

• Management

- Centralized KE Matrix Management Software, allowing you to configure, administer, control, and maintain all KE series devices via an intuitive web based GUI
- One-to-one, one-to-many, many-to-one and many-to-many TX/RX connections
- Profiles save and reserve unlimited TX to RX device connections
- Channel connections allow RX devices to connect to multiple TX devices – to stream video, audio, USB and serial sources independently
- Configurable user and group permissions for access and control of KE devices
- Administrators can set access modes on TX devices for collaboration or to avoid interference among users
- Primary-Secondary architecture provides system redundancy
- Administrators easily view KE status and the latest system events in the GUI dashboard

• Flexible and Efficient Operations

- Unlimited Video Walls – create multiple video walls with up to 8 x 8 (64 displays max) in each layout **NEW!**
- Advanced Scheduling – improves efficiency and saves costs by allowing media playback to be set based on time and date **NEW!**
- Video grouping of up to 4 sets of KE series devices to support Multi-Display applications
- Fast switching feature changes transmitter/receiver connections in under a second

• Easy-to-Use Interface

- Browser-based GUI offers a multi-language interface to minimize user training time and increase productivity
- Multi-browser support: Internet Explorer, Chrome, Firefox, Safari, Opera, Mozilla
- Filter and export function for system event logs
- Email notification of specified system event logs
- Multi-platform installation support: Windows, Linux
- Multi-platform client support: Windows, Mac OS X, Linux, Sun

• Advanced Security

- User account authentication and management
- CCKM supports both internal and external authentication – external authentication supports LDAP, Active Directory, RADIUS and TACACS+
- Data transmission is secured by AES encryption

Please refer to the FAQ link below on how to select network switches and network switch information collected by ATEN Customer Service Division, where the collected information includes customer's feedback from their actual experience in using and installing the product(s).

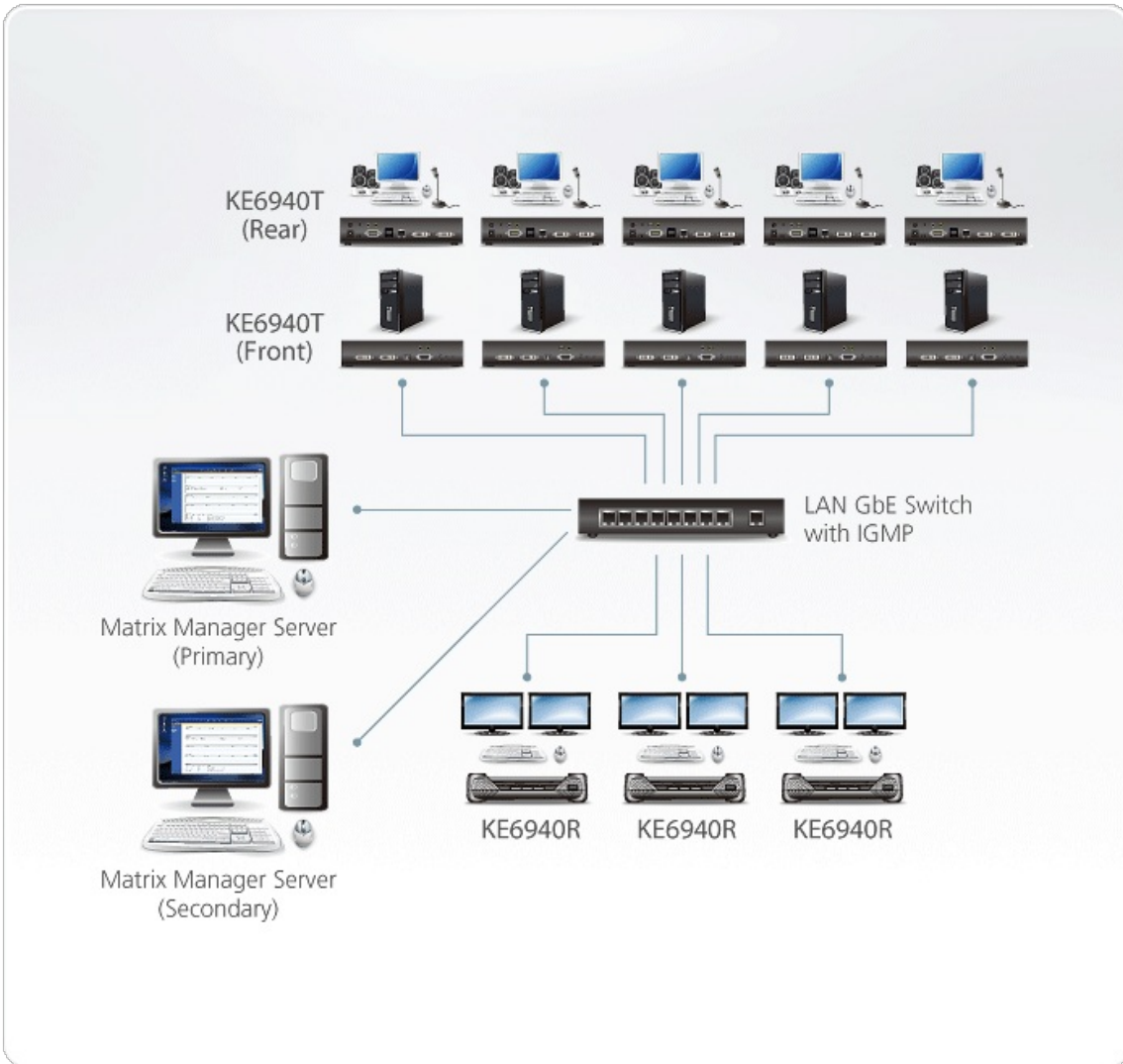
<https://eservice.aten.com/eServiceCx/Common/FAQ/view.do?id=6276>

Specifications

Matrix Manager

Environmental	
Operating Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-condensing
Physical Properties	
Housing	Metal and Plastic
Weight	0.01 kg (0.02 lb)
Dimensions (L x W x H)	8.36 x 2.78 x 1.39 cm (3.29 x 1.09 x 0.55 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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