The ATEN KVM over IP Matrix System combines KE series KVM over IP Extenders with KE Matrix Management Software (CCKM) to extend, control, monitor and access DisplayPort/HDMI/DVI-interfaced computers across an independent network with flexible configurations at up to 4K resolutions. Over IP solutions allow operators to be separated from servers, while secure, remote access is made easy, and servers remain centrally manageable.

### Boundless Switching
Simply move the mouse cursor across screen boundaries to switch between different receivers

### “Push” and “Pull”
Share content instantly to/from a single Rx or video wall with just one click

### Fast Switching
Fast switching between different Tx video resolutions on a Rx display within 0.3 seconds

### Authentication Lock
Automatically logs in when the system power is resumed after power off

### Connection Redundancy
Automatically connects to another Tx after disconnection with the original Tx, ensuring constant access to servers

### Disconnection Alert
Pop-up warning message and looping alarm beep to notify users of the disconnection status
What can we offer?

<table>
<thead>
<tr>
<th>My company’s monitors and servers use DVI interface and we need a KVM switch that supports FHD. Which model is right for me?</th>
<th>“We want to set up an HDMI video wall in the office, but we have cost considerations. What model can you recommend to us?”</th>
<th>“I want a KVM switch that supports 4K image quality and HDMI interface, and we have no extra sockets to use.”</th>
</tr>
</thead>
<tbody>
<tr>
<td>KE6900A, KE6940A, KE6912, KE6920, KE6922</td>
<td>KE8900SR&lt;sup&gt;1&lt;/sup&gt;</td>
<td>KE8952</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>“In an emergency, I need immediate local control of the DisplayPort interface computers in the server room. What can you recommend?”</th>
<th>“I have multiple USB peripheral devices that need to be connected to the KE unit. Is there a limit to the number of devices?”</th>
<th>Due to our new work-from-home policy, we need a KVM switch that can access our company’s servers from operator’s homes that also records all user operations due to security concerns. Which model would you suggest?</th>
</tr>
</thead>
<tbody>
<tr>
<td>KE9950, KE9952&lt;sup&gt;2&lt;/sup&gt;</td>
<td>All KE models (except those in note&lt;sup&gt;3&lt;/sup&gt;) support up to 5 USB devices</td>
<td>KE6900AiT, KE6940AiT</td>
</tr>
</tbody>
</table>

Notes:
1. All KE models support video walls; 2. All KE models except Slim Tx support local console function; 3. KE69xx supports 2 USB devices; Slim Tx does not support USB peripherals.
Applications

KE Matrix Management Software Server
KE Transmitter
Gigabit Network Switch*
Server Room
Control Room 1
Gigabit Network Switch*
Control Room 2
KE Receiver

* ES0152 / ES0152P 52-Port Gbe Managed Switch / PoE

Network Operation Centers
Command Control Centers
Traffic Management Centers
Broadcasting Distribution Monitoring Systems
## KE Specification Table

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Interface</th>
<th>Max. Resolution</th>
<th>Audio</th>
<th>Tx Local Console</th>
<th>Dual Video Output</th>
<th>Virtual USB</th>
<th>PoE</th>
<th>DC Jack</th>
<th>Internet</th>
<th>SFP</th>
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<tbody>
<tr>
<td>KE6900A</td>
<td>DVI-I</td>
<td>1920*1200@60Hz</td>
<td>V</td>
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<td>-</td>
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<td>DVI-D</td>
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<td>DVI-D</td>
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</table>

**Additional Reference**

The ATEN KVM over IP Matrix System


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About ATEN
ATEN International Co., Ltd., established in 1979, is the leading provider of AV/IT connectivity and management solutions. Offering integrated KVM, professional AV, and intelligent power solutions, ATEN products connect, manage, and optimize AV/IT equipment in corporate, government, education, broadcasting and media, and transportation environments. ATEN has 630+ issued international patents and a global R&D team that produces a constant stream of innovative solutions, resulting in a comprehensive portfolio of products available worldwide.