

# KE Selection Guide

KVM over IP Matrix System

Solutions for the Control Rooms of the Future

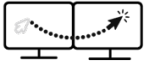







## KVM over IP Matrix System

### Solutions for the Control Rooms of the Future



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.

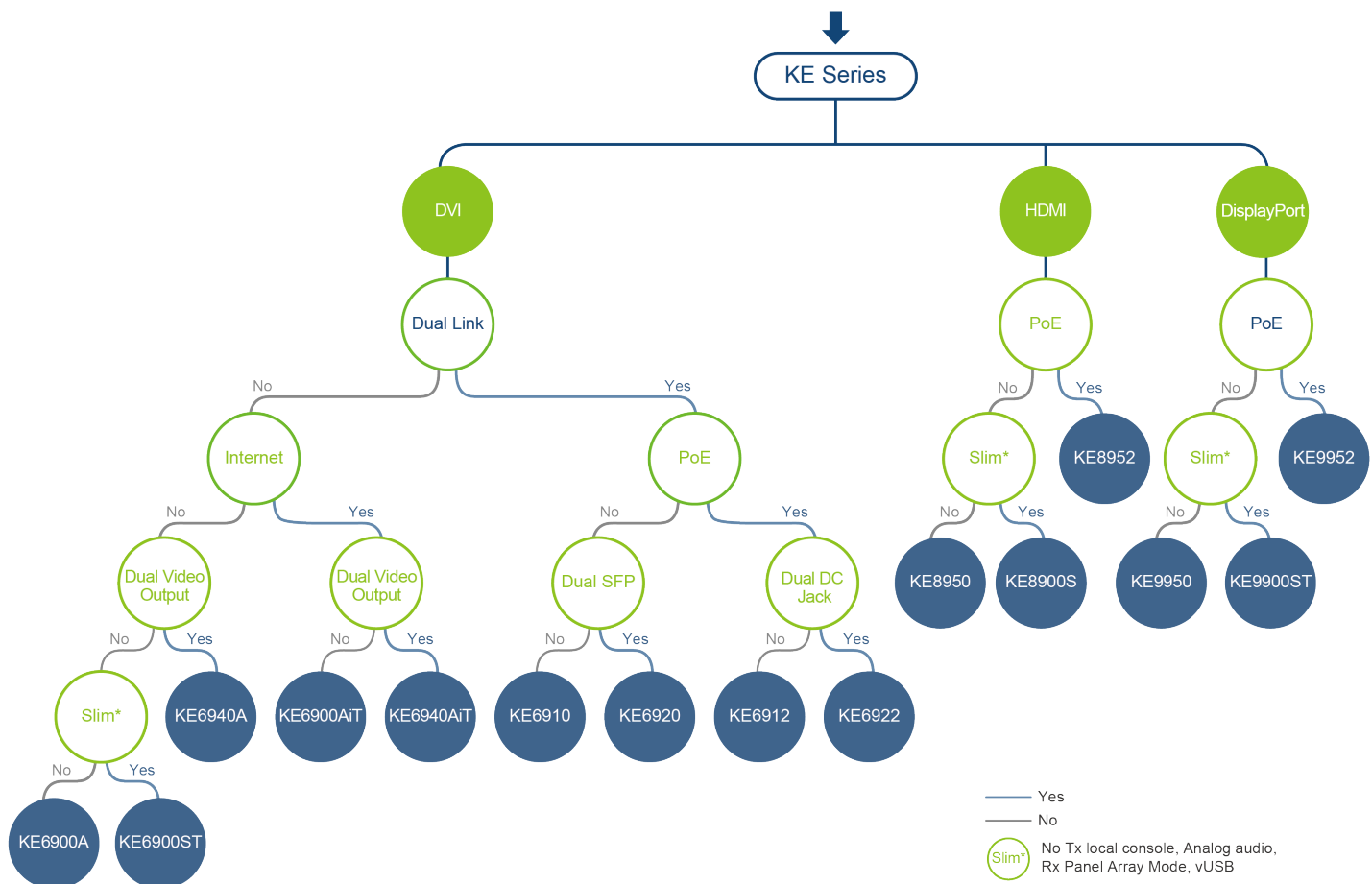
	<b>Boundless Switching</b>	Simply move the mouse cursor across screen boundaries to switch between different receivers
	<b>“Push” and “Pull”</b>	Share content instantly to/from a single Rx or video wall with just one click
	<b>Fast Switching</b>	Fast switching between different Tx video resolutions on a Rx display within 0.3 seconds
	<b>Authentication Lock</b>	Automatically logs in when the system power is resumed after power off
	<b>Connection Redundancy</b>	Automatically connects to another Tx after disconnection with the original Tx, ensuring constant access to servers
	<b>Disconnection Alert</b>	Pop-up warning message and looping alarm beep to notify users of the disconnection status

## What can we offer?

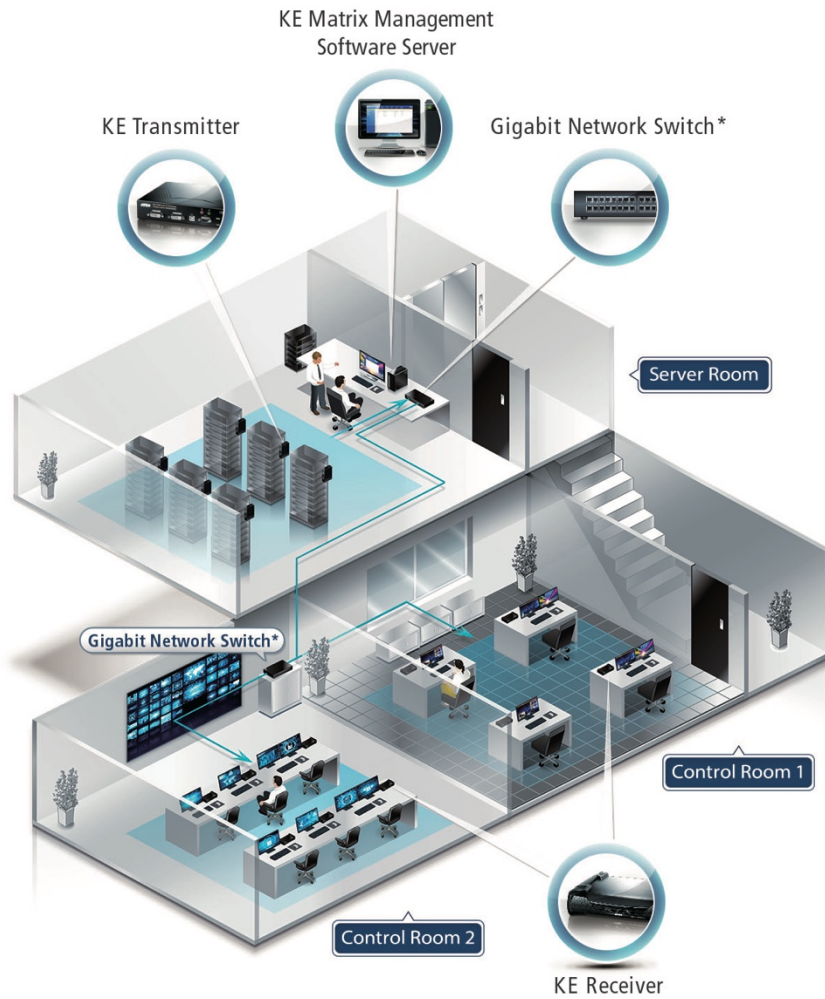
My company's monitors and servers use <b>DVI</b> interface and we need a KVM switch that supports <b>FHD</b> . Which model is right for me?	"We want to set up an <b>HDMI video wall</b> in the office, but we have cost considerations. What model can you recommend to us?"	"I want a KVM switch that supports <b>4K</b> image quality and <b>HDMI</b> interface, and we have no extra sockets to use."
KE6900A, KE6940A, KE6912, KE6920, KE6922	KE8900SR <sup>1</sup>	KE8952
"In an emergency, I need immediate local control of the <b>DisplayPort</b> interface computers in the server room. What can you recommend?"	"I have multiple <b>USB peripheral devices</b> that need to be connected to the KE unit. Is there a limit to the number of devices?"	Due to our new <b>work-from-home</b> policy, we need a KVM switch that can access our company's servers from operator's homes that also <b>records</b> all user operations due to <b>security</b> concerns. Which model would you suggest?
KE9950, KE9952 <sup>2</sup>	All KE models (except those in note <sup>3</sup> ) support up to 5 USB devices	KE6900AiT, KE6940AiT

### 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



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



Network Operation Centers



Command Control Centers



Traffic Management Centers



Broadcasting Distribution Monitoring Systems

## KE Specification Table

Model Name	Interface	Max. Resolution	Audio	Tx Local Console	Dual Video Output	Virtual USB	PoE	DC Jack	Internet	SFP
KE6900A	DVI-I	1920*1200@60Hz	V	V	-	V	-	2	-	1
KE6940A	DVI-I	1920*1200@60Hz	V	V	V	V	-	2	-	1
KE6910	DVI-D	2560*1600@60Hz 2048*2048@60Hz	V	V	-	V	-	2	-	1
KE6912	DVI-D	2560*1600@60Hz 2048*2048@60Hz	V	V	-	V	V	1	-	1
KE6920	DVI-D	2560*1600@60Hz 2048*2048@60Hz	V	V	-	V	-	2	-	2
KE6922	DVI-D	2560*1600@60Hz 2048*2048@60Hz	V	V	-	V	V	2	-	2
KE6900AiT	DVI-I	1920*1200@60Hz	V	V	-	V	-	2	V	1
KE6940AiT	DVI-I	1920*1200@60Hz	V	V	V	V	-	2	V	1
KE6900ST	DVI-D	1920*1200@60Hz	-	-	-	-	-	1	-	-
KE8950	HDMI	3840*2160@30Hz	V	V	-	V	-	1	-	1
KE8952	HDMI	3840*2160@30Hz	V	V	-	V	V	1	-	1
KE8900S	HDMI	1920*1200@60Hz	-	-	-	-	-	1	-	-
KE9950	DisplayPort	3840*2160@30Hz	V	V	-	V	-	2	-	1
KE9952	DisplayPort	3840*2160@30Hz	V	V	-	V	V	1	-	1
KE9900ST	DisplayPort	1920*1200@60Hz	-	-	-	-	-	1	-	-



KE8952/KE8950



HDMI



KE9952/KE9950



DisplayPort



KE6940A/KE6900A



DVI-I

### Additional Reference

The ATEN KVM over IP Matrix System

<https://www.aten.com/global/en/product-landing-page/control-room/kvm-over-ip-matrix-system/>



Scan for more Information



## Corporate Headquarters

ATEN International Co., Ltd.  
3F, No.125, Sec. 2, Datung Rd., Sijhih District,  
New Taipei City 221, Taiwan  
Phone: +886-2-8692-6789 Fax: +886-2-8692-6767  
<https://www.aten.com/global/en/>  
E-mail: [marketing@aten.com](mailto:marketing@aten.com)

## America Region:

ATEN Technology Inc.  
California Headquarters  
15365 Barranca Parkway, Irvine, CA 92618, U.S.A.  
Phone: +1-949-428-1111 Fax: +1-949-428-1100  
<https://www.aten.com/us/en/>  
E-mail: [sales@aten-usa.com](mailto:sales@aten-usa.com)

New Jersey Branch  
220 Davidson Avenue, Suite 404, Somerset,  
NJ 08873, U.S.A.  
Phone: +1-732-356-1703 Fax: +1-732-356-1639  
<https://www.aten.com/us/en/>  
E-mail: [sales@aten-usa.com](mailto:sales@aten-usa.com)

## EMEA Region:

ATEN Infotech N.V.  
Mijnwerkerslaan 34, 3550 Heusden-Zolder, Belgium  
Phone: +32-11-53-15-43 Fax: +32-11-53-15-44  
<https://www.aten.com/eu/en/>  
E-mail: [sales@aten.be](mailto:sales@aten.be)

ATEN U.K. Limited  
466 Malton Avenue, Slough SL1 4QU, U. K.  
Phone: +44-1753-539-121 Fax: +44-1753-215-253  
<https://www.aten.com/gb/en/>  
E-mail: [sales@aten.co.uk](mailto:sales@aten.co.uk)

ATEN Poland Sp. z o. o.  
2 Gottlieb Daimler Street 02-460 Warsaw, Poland  
Phone: +48-514-120-220  
<https://www.aten.com/pl/pl/>  
E-mail: [poland@aten.com](mailto:poland@aten.com)

ATEN Romania S.R.L.  
10 Bucuresti-Nord Road, Global City Business Park,  
Building O 13, 6th floor, Voluntari, Ilfov County, Romania  
Phone: +40-314-257-746  
<https://www.aten.com>  
E-mail: [romania@aten.com](mailto:romania@aten.com)

ATEN Russia Rep. Office  
Office 14212, No.14 Serebryakova Proezd,  
Moscow, Russia  
Phone: +7-495-134-2808  
<https://www.aten.com/ru/ru/>  
E-mail: [russia@aten.com](mailto:russia@aten.com)

ATEN Info Iletisim Ltd.  
Beştepe Mah.Yaşam Cad.,  
Neoroma Is Merkezi 13-A / 76  
Yenimahalle Ankara, Turkey  
Phone: +90-312-284-0027  
<https://www.aten.com>  
E-mail: [turkey@aten.com](mailto:turkey@aten.com)

## Oceania Region:

ATEN ANZ Pty Ltd.  
Suite 3. 19, 32 Delhi Road, North Ryde,  
NSW 2113, Australia  
Phone: +61-2-9114-9933 Fax: +61-2-8072-3723  
<https://www.aten.com/au/en/>  
E-mail: [sales@au.aten.com](mailto:sales@au.aten.com)

## Asia Pacific Region:

ATEN China Co., Ltd.  
Beijing Headquarters  
18/F, Tower A, Horizon International Tower, No.6,  
Zhichun Road, Haidian District, Beijing, China 100088  
Phone: +86-10-5225-0110 Fax: +86-10-8296-1318  
<https://www.aten.com/cn/zh/>  
E-mail: [sales@aten.com.cn](mailto:sales@aten.com.cn)

Shanghai Branch  
18E, Shanghai Industrial Investment Building, No. 18  
Cao Xi Bei Road, Xuhui District,  
Shanghai 200030, China  
Phone: +86-21-3126-0110 Fax: +86-21-3126-0110-310  
<https://www.aten.com/cn/zh/>  
E-mail: [sales@aten.com.cn](mailto:sales@aten.com.cn)

Guangzhou Branch  
Room 3913, Ren-Feng Building, No. 490  
Tian He Road, Tian He District, Guangzhou 510620, China  
Phone: +86-20-3883-0110 Fax: +86-20-3835-0810  
<https://www.aten.com/cn/zh/>  
E-mail: [sales@aten.com.cn](mailto:sales@aten.com.cn)

ATEN Japan Co., Ltd.  
Tokyo Headquarters  
ATEN Bldg. 8-4, Minami-senjiyu 3-chome,  
Arakawa-ku, Tokyo 116-0003, Japan  
Phone: +81-3-5615-5810 Fax: +81-3-3891-3810  
<https://www.aten.com/jp/ja/>  
E-mail: [sales@atenjapan.jp](mailto:sales@atenjapan.jp)

Osaka Branch  
Awajimachi Dai-Building 3F  
3-1-9, Awajimachi, Chuo-ku, Osaka-shi, 541-0047, Japan  
Phone: +81-6-6229-5810 Fax: +81-6-6229-8810  
<https://www.aten.com/jp/ja/>  
E-mail: [sales@atenjapan.jp](mailto:sales@atenjapan.jp)

Kyushu Office  
Hakata High Tech Bld.7F, 3-7-35, Hakataeki Mae,  
Fukuoka Shi Hakata Ku, Fukuoka Ken, 812-0011, Japan  
Phone: +81-92-710-6108 Fax: +81-92-710-6148  
<https://www.aten.com/jp/ja>  
E-mail: [sales@atenjapan.jp](mailto:sales@atenjapan.jp)

Nagoya office  
Nishiki Maruemu Building 3F, 3-1-30, Nishiki, Naka Ku,  
Nagoya Shi, Aichi Ken, 460-0003, Japan  
Phone: +81-52-201-5810 Fax: +81-52-201-5811  
<https://www.aten.com/jp/ja>  
E-mail: [sales@atenjapan.jp](mailto:sales@atenjapan.jp)

ATEN Korea Co., Ltd.  
Seoul Headquarters  
B-303, 32, Digital-ro 9-gil,  
Geumcheon-gu, Seoul 08512, Korea  
Phone: +82-2-467-6789 Fax: +82-2-467-9876  
<https://www.aten.com/kr/ko/>  
E-mail: [sales@aten.co.kr](mailto:sales@aten.co.kr)

Busan Branch  
1111, 99, Centum dong-ro, Haeundae-gu, Busan 48059, Korea  
Phone: +82-51-782-7156 Fax: +82-51-782-7157  
<https://www.aten.com/kr/ko/>  
E-mail: [roy@aten.co.kr](mailto:roy@aten.co.kr)

Atech Peripherals, Inc.  
New Taipei Headquarters  
6F, No.133, Sec. 2, Datung Rd., Sijhih District,  
New Taipei City 221, Taiwan  
Phone: +886-2-8692-6969 Fax: +886-2-8692-6926  
<https://www.aten.com/tw/zh/>  
E-mail: [taiwan@aten.com](mailto:taiwan@aten.com)

Atech Kaohsiung Office  
Room D, 8F, No. 117, Zhongshan 1st Rd.  
Xinxing District, Kaohsiung 800, Taiwan  
Phone: +886-7-286-8188 Fax: +886-7-286-8199  
<https://www.aten.com/tw/zh/>  
E-mail: [taiwan@aten.com](mailto:taiwan@aten.com)

ATEN Advance Pvt. Ltd.  
2nd Floor, 67, Sudev Complex, Kariappa Road, Basavanagudi,  
Bengaluru- 560004, Karnataka, India  
Phone: +91-80-4851-7231  
<https://www.aten.com>  
E-mail: [sales@aten.co.in](mailto:sales@aten.co.in)

## 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.