



Simply Better Connections

## VE-RMK1U

### Video Extender Rack Mount Kit Installation Guide

## User Information

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### Online Registration

Be sure to register your product at our online support center:

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International	<a href="http://eservice.aten.com">http://eservice.aten.com</a>
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### Telephone Support

For telephone support, call this number:

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International	886-2-8692-6959
China	86-400-810-0-810
Japan	81-3-5615-5811
Korea	82-2-467-6789
North America	1-888-999-ATEN ext 4988 1-949-428-1111

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### User Notice

All information, documentation, and specifications contained in this manual are subject to change without prior notification by the manufacturer. The manufacturer makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties as to merchantability or fitness for any particular purpose. Any of the manufacturer's software described in this manual is sold or licensed *as is*. Should the programs prove defective following their purchase, the buyer (and not the manufacturer, its distributor, or its dealer), assumes the entire cost of all necessary servicing, repair and any incidental or consequential damages resulting from any defect in the software.

The manufacturer of this system is not responsible for any radio and/or TV interference caused by unauthorized modifications to this device. It is the responsibility of the user to correct such interference.

The manufacturer is not responsible for any damage incurred in the operation of this system if the correct operational voltage setting was not selected prior to operation. PLEASE VERIFY THAT THE VOLTAGE SETTING IS CORRECT BEFORE USE.

## Product Information

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For information about all ATEN products and how they can help you connect without limits, visit ATEN on the Web or contact an ATEN Authorized Reseller. Visit ATEN on the Web for a list of locations and telephone numbers:

International	<a href="http://www.aten.com">http://www.aten.com</a>
North America	<a href="http://www.aten-usa.com">http://www.aten-usa.com</a>

## Package Contents

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Check to make sure that all of the components are in working order. If you encounter any problem, please contact your dealer.

- ◆ 1 VE-RMK1U Frame
- ◆ 4 1U mounting plates
- ◆ 5 plastic captive screws
- ◆ 6 hexagon head screws
- ◆ 12 countersunk head screws

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### Note:

- ◆ Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit or any connected devices.
  - ◆ This product may be updated, with features and functions added, improved or removed since the release of this manual. For an up-to-date user manual, visit <http://www.aten.com/global/en/>
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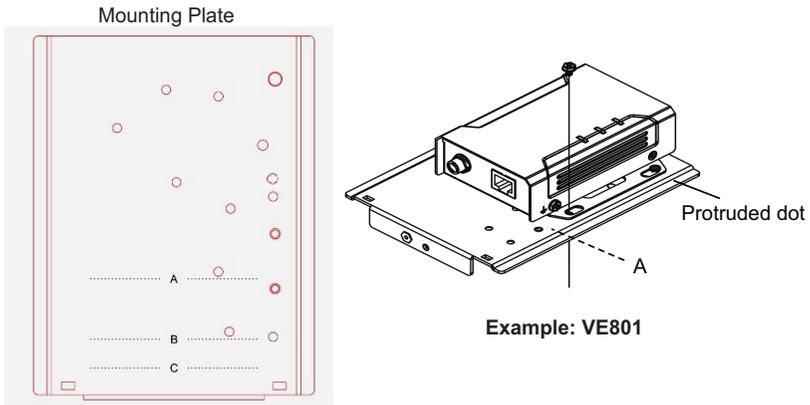
# Installation

1. Different ATEN devices use different sets of screw holes on the mounting plate to install. Use the table below to find out:
  - ◆ Whether if your ATEN device is built-in with rack ears
  - ◆ The alignment line that your ATEN device uses

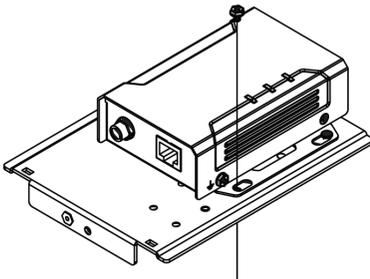
Models			Mounting Plate	
Category	Not Equipped with Rack Ears	Equipped with Rack Ears	Alignment Line	Max. No. of Units
CE	CE100	-	Line A	4 units
VE	VE560, VE600A, VE602, VE800A, VE803, VE810	VE601, VE801, VE811, VE901		
SN	-	SN3001, SN3002, SN3001P, SN3002P, SN3401, SN3402, SN3401P, SN3402P	N/A (refer to SN30xx user manual)	
VE	VE150A, VE170, VE172R, VB802	-	Line B	3 units
CE	CE250A, CE611, CE700A, CE801	-	Line C	
CS	CS72D, CS72E	-		
KE	KE6900ST	-		
VE	VE812, VE814, VE882, VE892	VE1812, VE2812T, VE2812R, VE2812AT, VE802, VE814A, VE8900, VE8950, VE2812PR, VE8662		
VC	-	VC1280		
VS	VS182A, VS182B, VS192, VS194	-		
UC	UC2322, UC2324, UC4852, UC4854	-		

Models			Mounting Plate	
Category	Not Equipped with Rack Ears	Equipped with Rack Ears	Alignment Line	Max. No. of Units
CE	CE350, CE370, CE600, CE602, CE604, CE610A, CE620, CE624, CE750, CE750A, CE770, CE800B, CE820, CE840, CE920, CE924, CE980, CE990	-	Line C	2 units
KA	KA8270, KA8280, KA8278, KA8288	-		
CN	CN8000, CN8000A	-		
RCM	RCM101A	-		
CS	CS724KM, CS74D, CS74E	-		
KE	KE8900S, KE9900ST	-		
VC	VC880, VC486	-		
VE	VE300, VE500, VE813A, VE66DTH	-		
VS	KA7174, VS184B, VS481A, VS481B, VS481C	-		
VE	-	VE816R, VE883, VE883A, VE3912T, VE8952, VE1843	Line Edge	2 units

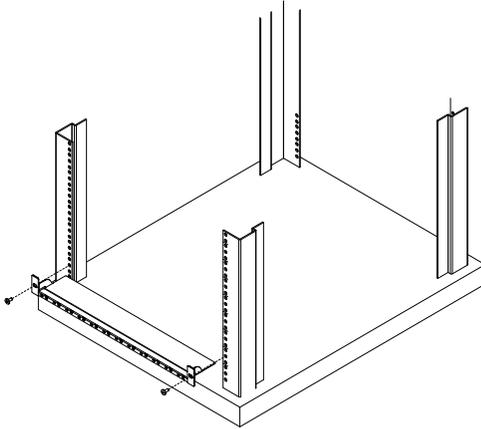
2. To install a device that is equipped with rack ears, go to the next step. To install a device that is not equipped with rack ears, go to step 4 (page 6).
3. Follow the steps below to rack mount a device that has rack ears.
  - a) Align the device to its alignment line in as illustrated, and latch one of the rack ears onto the protruded dot on the mounting plate.



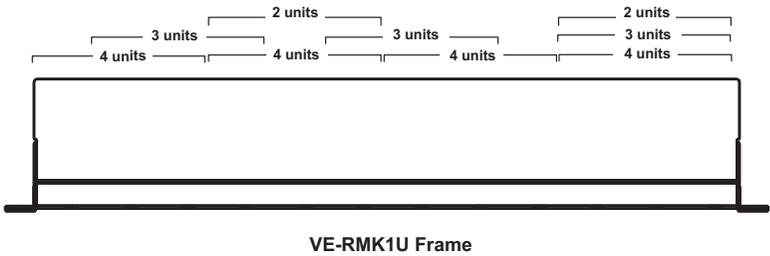
- b) Secure the device to the mounting plate using the hexagon head screw supplied.



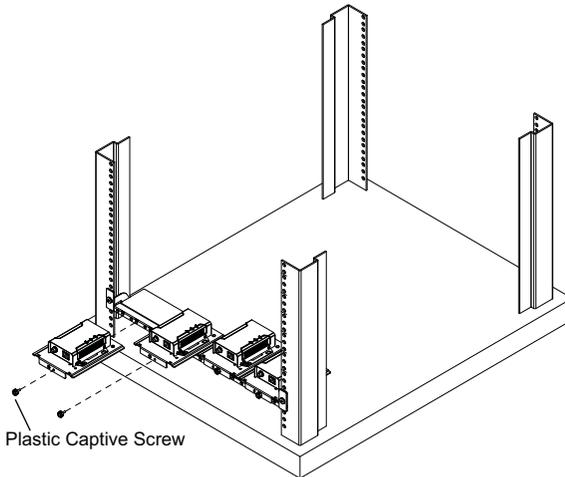
- c) Position the VE-RMK1U frame on the front of your rack, align the holes in the frame with the holes in the rack, and then secure the frame to the rack with self-supplied screws.



- d) Align your device and mounting plate assembly to one of the slots on the VE-RMK1U Frame.



- e) Secure the mounting plate to the frame with a plastic captive screw provided in the package.



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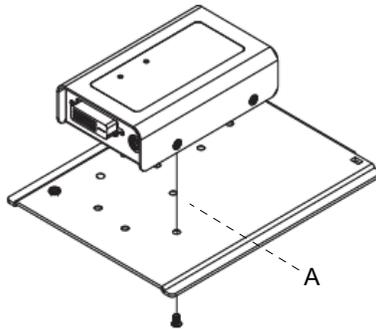
**Note:**

- ◆ The maximum number of units that a VE-RMK1U Frame supports may vary across models. Refer to the table in step 1 for details.
  - ◆ If you have any VE8900/8950 devices installed on the mounting plate, make sure to leave at least 2 mm of space above the devices to avoid scratching the buttons on the top panel, or leave 1U of space if you wish to access these buttons.
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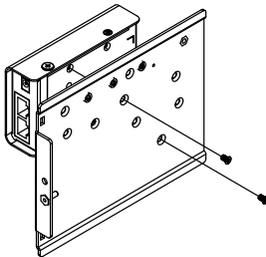
4. Follow the steps below to rack mount a device that does *not* have rack ears.

**Example 1: For devices that align to line A or B**

- a) Align the device to line A or B in the illustrated orientation.

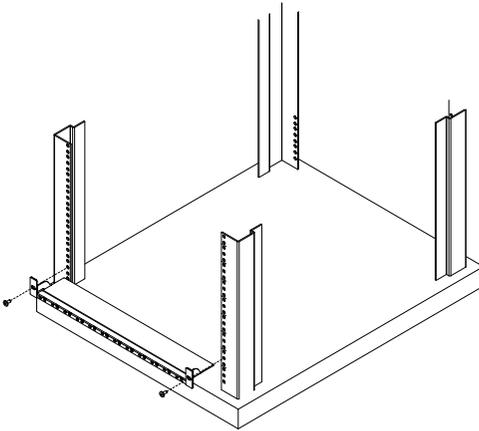


- b) Secure the device to the mounting plate from the backside using the countersunk head screws supplied.

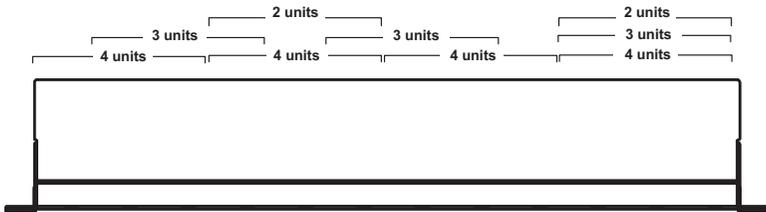


**Example: VE800A**

- c) Position the VE-RMK1U frame on the front of your rack, align the holes in the frame with the holes in the rack, and then secure the frame to the rack with self-supplied screws.



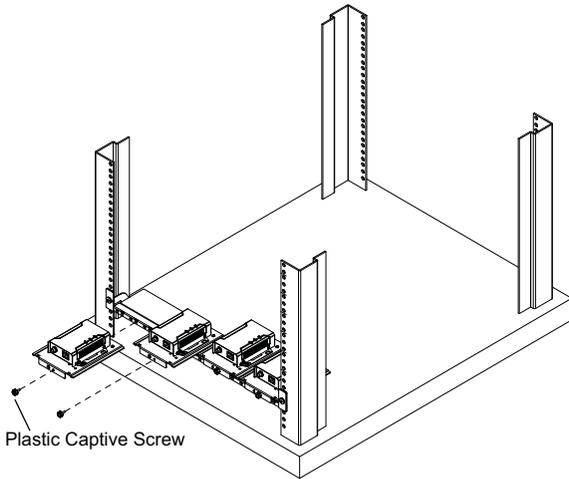
- d) Align your device and mounting plate assembly to one of the slots on the VE-RMK1U Frame.



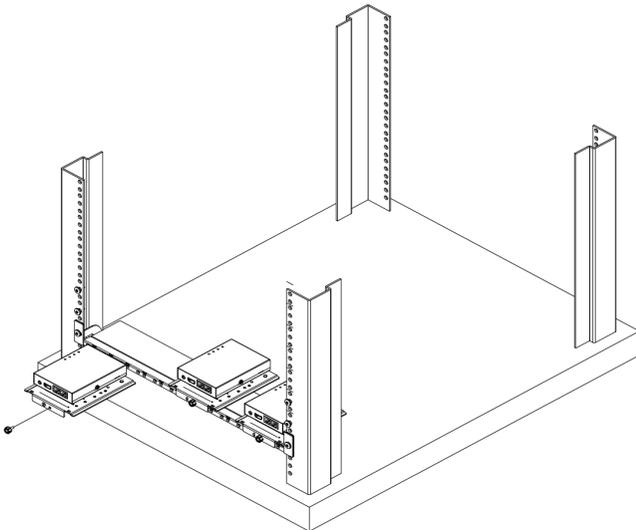
VE-RMK1U Frame

- e) Secure the mounting plate to the frame with a plastic captive screw provided in the package.

For a device that aligns to line A, you can install up to 4 units:

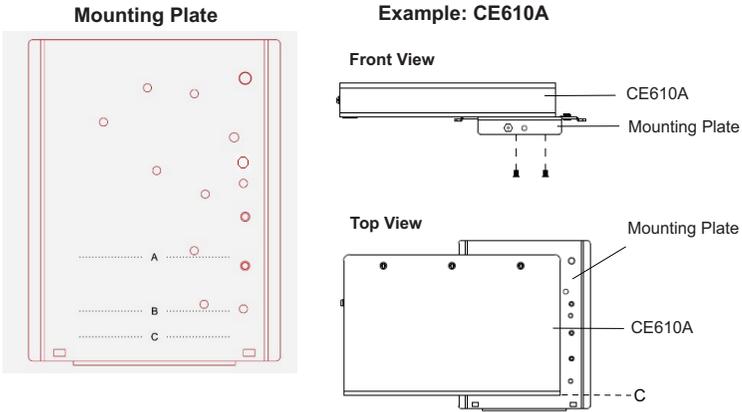


For a device that aligns to line B, you can install up to 3 units:

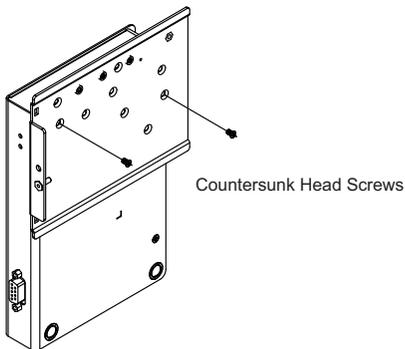


**Example 2: Installing a device that uses line C**

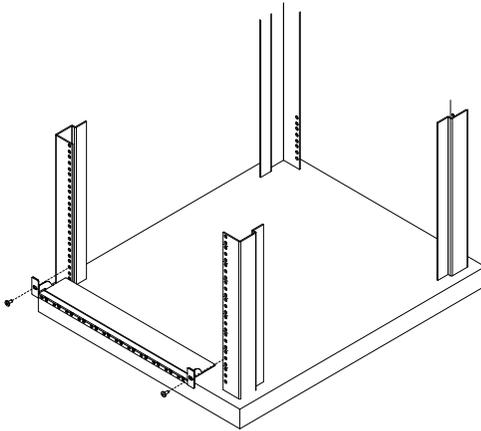
a) Align the device to its alignment line in the illustrated orientation.



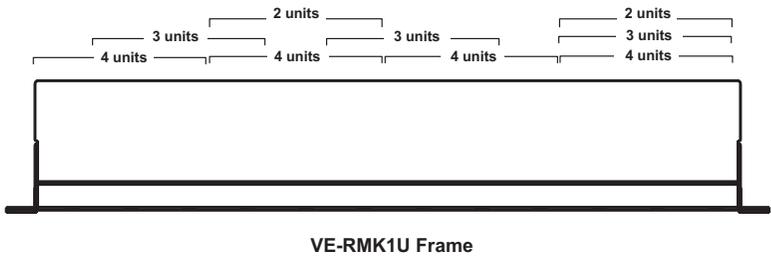
b) Secure the device to the mounting plate from the backside using the countersunk head screws supplied.



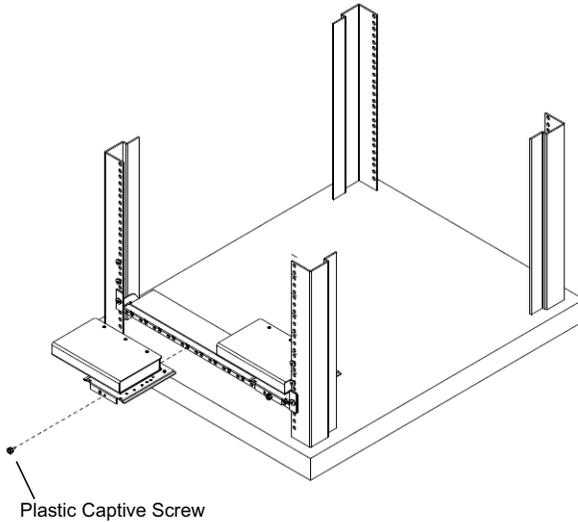
- c) Position the VE-RMK1U frame on the front of your rack, align the holes in the frame with the holes in the rack, and then secure the frame to the rack with self-supplied screws.



- d) Align your device and mounting plate assembly to one of the slots on the VE-RMK1U Frame.



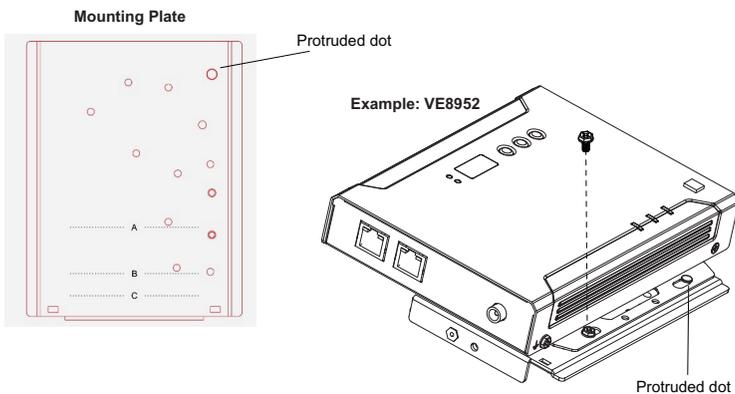
- e) Secure the mounting plate to the frame with a plastic captive screw provided in the package.



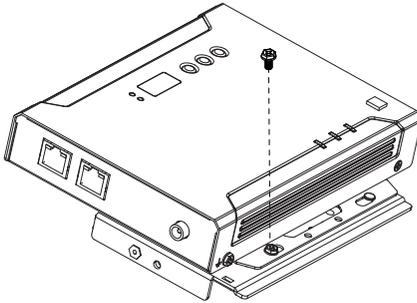
**Note:** The maximum number of units that a VE-RMK1U Frame supports may vary across models. Refer to the table in step 1 for details.

### Example 3: Installing a device that uses line edge

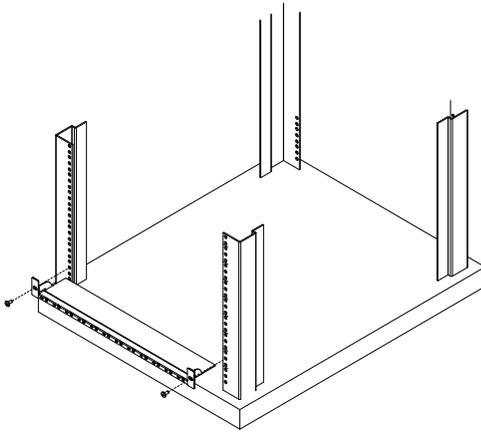
- a) Align the device to its alignment line in the illustrated orientation.



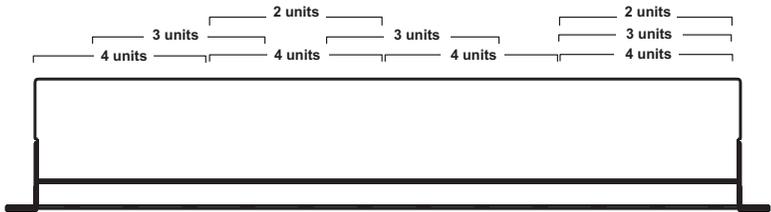
- b) Secure the device to the mounting plate using the hexagon head screw supplied.



- c) Position the VE-RMK1U frame on the front of your rack, align the holes in the frame with the holes in the rack, and then secure the frame to the rack with self-supplied screws.

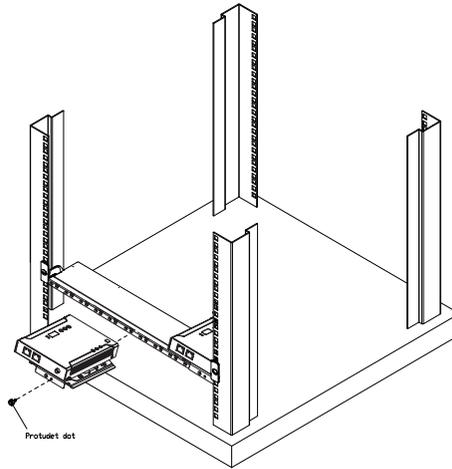


- d) Align your device and mounting plate assembly to one of the slots on the VE-RMK1U Frame.



VE-RMK1U Frame

- e) Secure the mounting plate to the frame with a plastic captive screw provided in the package.



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**Note:** The maximum number of units that a VE-RMK1U Frame supports may vary across models. Refer to the table in step 1 for details.

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## Technical Support

### International

- ◆ For online technical support – including troubleshooting, documentation, and software updates: <http://support.aten.com>
- ◆ For telephone support, call this number:

International	886-2-8692-6959
China	86-400-810-0-810
Japan	81-3-5615-5811
Korea	82-2-467-6789
North America	1-888-999-ATEN ext 4988 1-949-428-1111

### North America

Email Support		<a href="mailto:support@aten-usa.com">support@aten-usa.com</a>
Online Technical Support	Troubleshooting Documentation Software Updates	<a href="http://www.aten-usa.com/support">http://www.aten-usa.com/support</a>
Telephone Support		1-888-999-ATEN ext 4988

When you contact us, please have the following information ready beforehand:

- ◆ Product model number, serial number, and date of purchase
- ◆ Your computer configuration, including operating system, revision level, expansion cards, and software
- ◆ Any error messages displayed at the time the error occurred
- ◆ The sequence of operations that led up to the error
- ◆ Any other information you feel may be of help

## **ATEN Warranty Policy**

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The warranty policy may vary by product category and region of purchase. For details, please visit ATEN's official website, select your purchase counties/regions and then go to the Support Center, or contact your local ATEN sales representative for further assistance.

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