

KN1000A

Single Port KVM over IP Switch with Single Port Power Switch





ATEN's new KN1000A Single Port KVM over IP Switch provides access and control "over-IP" for conventional KVM switches and servers that do not have built-in over-IP functionality. It allows system operators to monitor and access computers from remote locations for "down to the BIOS-level" troubleshooting, using standard Web browsers or Windows and Java based application programs, without the need to be on site for constant IT maintenance. In addition, the KN1000A supports out-of-band access in case the LAN goes down, with external modem support as backup.

ENQUIRE A TEST NOW!

To help you manage and control widely distributed servers efficiently from a remote console, a built-in single-port power switch provides remote power management of a server connected locally, allowing you to turn a server On or Off, and reboot it. In addition, you can add an ATEN PDU unit to manage the power status of even more devices. The KN1000A also provides serial console management over the Internet which can remotely control serial console devices such as network switches.

The KN1000A makes it easy to work on many tasks simultaneously, featuring a unique LUC (Laptop USB Console) port for quick KVM access via a laptop, user-friendly OSD, virtual media functionality without additional cables, and video resolutions up to 1920 x 1200.

The KN1000A's Virtual Media function allows you to perform file transfers, system diagnostic testing, software patches and application installations, all from the remote console. There is no need to physically mount an optical drive directly at the server to perform data related tasks. Now you can conveniently troubleshoot and resolve OS and BIOS-level problems from any remote location.

A Windows Client and a Java Client are available for remote access. They allow IP connection and login from anywhere over the internet. In addition, ATEN also provides an iOS APP - PadClient, whose intuitive interface makes it easy to connect to the KVM over IP switch and control computers direct from your iPad. Please visit the <u>PadClient webpage</u> for more information.

In addition, the KN1000A is compatible with ATEN's KVM over IP Console Station, the KA82 series. The KA82 series is a hardware-based, standalone console solution that can centrally manage multiple KN devices. It is especially suitable for environments where a PC is not allowed (refer to ATEN's website to get more information on the KVM over IP Console Station).

With these advanced features, the KN1000A is the fastest, most reliable and cost effective solution to remotely access and manage widely distributed multi-server installations, such as for kiosks and automated banking machines.



Features

Hardware

- Provides over-IP capability to servers or KVM switches that do not have built-in over-IP functionality 1
- Built-in single port Power Switch
- Supports PS/2, USB, Sun Legacy (13W3) and serial (RS-232) connectivity
- Local console provides PS/2 and USB keyboard and mouse support Supports multiplatform server environments: Windows, Mac, Sun, Linux and VT100 based serial devices
- High video resolution up to 1920 x 1200 @ 60 Hz with 24 bit color depth for the local console; up to 1920 x 1200 @ 60 Hz with 24 bit color depth for remote sessions
- Note: 1. For a list of compatible products, refer to the list at the bottom of this page.

Management

- •
- Up to 64 user accounts Up to 32 concurrent logins
- End session feature administrators can terminate running sessions
- Event logging and Windows-based Log Server support Critical system event notification via SMTP email; SNMP trap and Syslog support Remote firmware upgradable
- Serial console management serial terminal access. Access the device connected to KN1000A via a built-in serial viewer, or via third party software (such as PuTTY) for Telnet and SSH sessions
- PPP mode (modem) dial-in / dial out support for out-of-band, and low bandwidth operation
- Port Share Mode allows multiple users to gain access to a server simultaneously Integration with ATEN <u>CC2000</u> Centralized Management Software Integration with ATEN PDU for remote power control
- Remote power on and off control function with Wake on LAN
- On / Off scheduling for power outlet. Power management tasks can be scheduled on a daily, weekly, monthly or user specified time basis
- Safe shutdown support
- Auto-Ping pings a device to determine its status, if the ping test fails after a set amount of time it automatically takes an action assigned
- DDNS (Dynamic Domain Name System) Export / import user account and configuration settings
- Manage browser access methods (disable browser, http, or https)

• Easy-to-Use Interface

- Browser-based and AP GUIs offer a unified multilanguage interface to minimize user training time and increase productivity
- Multi-platform client support (Windows, Mac OS X, Linux, Sun) Multi-browser support: Internet Explorer, Chrome, Firefox, Safari, Opera, Netscape •
- Browser-based UI in pure Web technology allows administrators to perform administrative tasks without pre-installed Java software package required
- Full-screen or sizable and scalable Virtual Remote Desktop window
- Magic Panel a special hideaway control panel with configurable function icon •

- Advanced Security Smart Card / CAC Reader Support
- External authentication support: RADIUS, LDAP, LDAPS, and MS Active Directory
- Supports TLS 1.2 data encryption and RSA 2048-bit certificates to secure users log in from browser Flexible encryption design allows users to choose any combination of DES, 3DES, AES, RC4, or Random for independent KB / Mouse, video, and virtual media data encryption
- IP / MAC Filter for enhanced security protection
- Supports password protection Private Certificate Authority

Virtual Media

- Virtual media enables file applications, OS patching, software installation and diagnostic testing
- Works with USB enabled servers at the operating system and BIOS levels
- Supports USB 2.0 DVD / CD drives, USB mass storage devices, PC hard drives and ISO images

Virtual Remote Desktop

- **BIOS-level** access
- Video quality and video tolerance can be adjusted to optimize data transfer speeds: monochrome color depth setting, threshold and noise settings for compression of the data bandwidth in low bandwidth situations
- Full screen video display or scalable video display
- Message Board for communication among remote users •
- On-screen keyboard with multilanguage support
- Mouse Dynasync™
- Exit Macros support

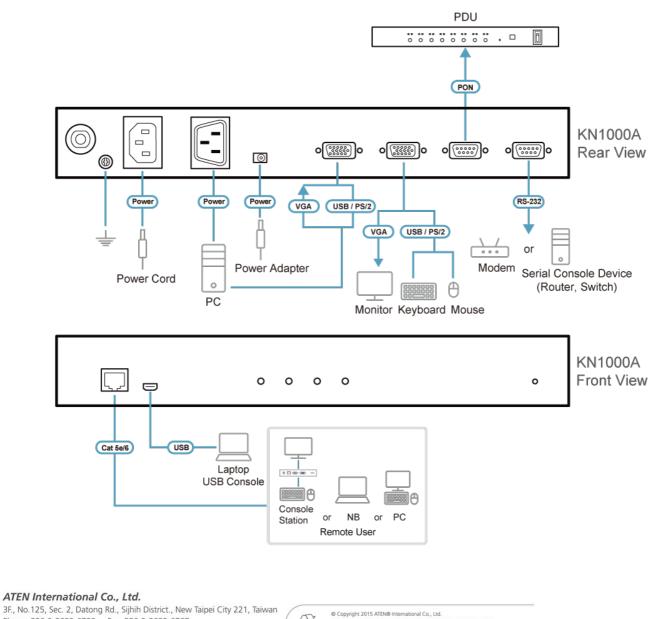


Specifications

Conside Paris 1 x SPH0 Male (Yallow) KVM (Conçuler) Poris 1 x SPH0 Famale (Yallow) Lazero USB Concile (LUC) Pori 1 x USB Min B Famale PON 1 x DB-9 Male RS-22 1 x DB-9 Male RS-22 1 x DB-9 Male Power Infeis 1 x RL-45 Famale Power Infeis 1 x RL-55 Famale Power Infeis 1 x RL-55 Famale Power Outets 1 x Ru-15 Famale Power Outets 1 x Ru-15 Famale Power Outets 1 x Ru-15 Famale Power Outets 1 (Orango) Link 1 (Orango) <td< th=""><th colspan="3">Connectors</th></td<>	Connectors		
KVM (Computer) Ports 1 x SPHD Female (Yelow) Laptop USB Console (LUC) Port 1 x USB Mini B Female PON 1 x DB-9 Male B-322 1 x DB-9 Male B-222 1 x DB-9 Male DAN Ports 1 x RD-9 Male DAN Ports 1 x RD-9 Male DAN Ports 1 x RD-60x Power Inles 1 x RD-60x Power Colsts 1 x RD-60x B-wer Oxdets 1 x Bom-rocessed Purboution EUEs - Power Oxdets 1 (Grongo) Forewor Oxdets 1 (Grongo) Video 1 (Soremo) Forewor Oxdets 1 (Grongo) Video 1 (Soremo) Oxdet 1 (Soremo) Forewor Oxdets 1 (Soremo) Video 1 (Sorego)			
Laptop USB Concide (LUC) Pord 1 x USB Mini-B Permate PON 1 x DB 9 Male R5232 1 x DB 9 Male R5232 1 x DB 9 Male LAN Ports 1 x R-A 5 Fermate Power Intels 1 x REG0820C14 Power Outlets 1 x REG0820C19 Power Outlets 1 x DB 9 Male Solitots 1 x DB 9 Male Solitots 1 x DB 9 Male Power Outlets 1 x DB 9 Male Solitots 1 x DB 9 Male Solitots 1 x DB 9 Male Power Outlets 1 x DB 9 Male I (Orange) 1 (Orange) Exect 1 (Orange) Power Outlets 1 (Orange) Likk 1 (Orange) Dirol 000 Mbpa 1 (Orange) Enviation 1 (Orange) Enviation 1 (Orange) Enviation 1 (Orange) Solitop Dirol 00 Mbpa 1 (Orange) OrangedGreen (Green) Enviation 1 (Orange) Maximum Input Power Raling 1 (Orange) CongedGreen (Green) Output			
PON 1 x D8 9 Male RS-232 1 x D8-9 Male RS-232 1 x RJ-45 Penale Power Initis 1 x RJ-45 Penale Power Initis 1 x IE 08030014 Power Outlets 1 x IE 08030013 Power Outlets 1 x IE 08030014 Power Outlets 1 x IE 08030013 Power 1 x D0 Jack Switches			
RS 232 1 x DB 9 Male LAN Ports 1 x RL45 Famale Power Inleis 1 x IEC603201C14 Power Ouders 1 x IEC603201C13 Switches 1 x Semi-recessed Pusibuiton EEDs			
LAN Ports 1 x RJ-45 Female Fower Initids 1 x IEC60320.C14 Power Ouflete 1 x DE G60320.C13 Power Ouflete 1 x DE G60320.C13 Power Ouflete 1 x DE G60320.C13 Switches Intercent of the G60320.C13 Switches Intercent of the G60320.C14 Beet 1 x Semi-rocessed Pushbutton LEDs Intercent of the G60320.C14 Power Outlets 1 (Orange) Power Outlets 1 (Orange) Link 1 (Orange) Divido 1000 Mbps 1 (Orange) Emulation 1 (Orange) Keyboard / Mouse USB, PS12 Video 1920 x 1200 @60 Hz; DOC28 Maximum Input Power Pating 100-240 V~: 50-60 Hz; DA Output 100-240 V~: 50-60 Hz; DA Output 100-240 V~: 50-60 Hz; DA Note: • • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the typical power consumption of the device wit			
Power Inlets 1 x IEC60320C14 Power Outlets 1 x IEC60320C13 Power Outlets 1 x DC Jack Switches			
Power Outlets 1 x IEC60320/C13 Power 1 x D. Jack Switches I x Servi-recessed Pushtuiton IEDS 1 (Orango) Power Outlets 1 (Orango) Power Outlets 1 (Orango) Link 1 (Orango) Link 1 (Orango) Emulation I (Orange' Orange&Green /Green) Emulation I y 20 x 1200 @ 60 Hz; DDC28 Video 1 y 20 x 1200 @ 60 Hz; DDC28 Maximum Input Power Rating 100-240 V; 50-60 Hz; 10A Output 100-240 V; 50-60 Hz; 9A Power Consumption DCS.3V:4.48W-308TUh Nate: • The measurement in With Indicates the typical power consumption of the device when it is tuly loaded. Environmental 040°C Storage Temperature 20-60°C Hundidy 0.40°C Storage Temperature 20-60°C Hundidy 0.680Kg (1.94 to) Power Green (1.2 x 3.3 x 1.85 in.) 110 x 3.8 3.4 20 cm (12.2 x 3.3 x 1.85 in.)	LAN Ports	1 x RJ-45 Female	
Power 1 x DC Jack Switches 1 x Semi-recessed Pushbutton LEDs 1 (Orange) Power Quilets 1 (Orange) Power Quilets 1 (Orange) Link 1 (Orange) 100/1000 Mbps 1 (Orange/Orange&Green /Green) Emulation Internet in the Context of the C	Power Inlets	1 x IEC60320/C14	
Switches I x Semi-recessed Pushbutton LEDs	Power Outlets	1 x IEC60320/C13	
Reset 1 x Semi-recessed Pushbutton LEDs Power 1 (Orange) Power Outlets 1 (Orange) Link 1 (Green) 10100/1000 Mbps 1 (Orange&Orange&Green / Green) Emulation Emulation Keyboard / Mouse USB: PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V~; 50-60 Hz; 10A Output 100-240 V~; 50-60 Hz; SA Power Consumption DCS-3V-4.48W/30BTUth Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTUth indicates the typical power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUth indicates the power consumption of the device with no external loading. • The measurement in BTUTh indicates the power consumption of the device with no external loading. Environmental Outro Operating Temperature 0.40°C Outro 0.80% RI, Non-condensing	Power	1 x DC Jack	
LEDs Icrange Power 1 (Orange) Power Outlets 1 (Orange) Link 1 (Green) 10/100/1000 Mbps 1 (Orange/ Orange&Green / Green) Emulation Immunol (Drange/ Orange&Green / Green) Keyboard / Mouse USB: PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 9A Power Consumption DCS 3V: 489/30BU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the power consumption of the device with no external loading. • The measurement in Watts indicates the power consumption of the device with no external loading. • The measurement in BTUh indicates the power consumption of the device with no external loading. • The measurement in BTUh indicates the power consumption of the device with no external loading. • The measure	Switches		
Power 1 (Orange) Power Outlets 1 (Orange) Link 1 (Green) 10/100/1000 Mbps 1 (Orange/ Orange&Green / Green) Emulation Imulation Keyboard / Mouse USB; PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 9A Power Consumption DCS 3V-4.496/30BUth Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTL/h indicates the typical power consumption of the device with no external loading. Environmental Operating Temperature Operating Temperature -20.60°C Humidity 0 -80% RH, Non-condensing Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) 100 x 8.39 x 4.20 cm (12 z x 3.3 x 1.65 in.)	Reset	1 x Semi-recessed Pushbutton	
Power Outlets 1 (Orange) Link 1 (Green) 10/100/1000 Mbps 1 (Orange/ Orange&Green /Green) Emulation Emulation Keyboard / Mouse USB, PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 9A Power Consumption DC5.3V-4.46W-30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Output Operating Temperature 0-40°C Storage Temperature 0-80% RH, Non-condensing Physical Properties Housing Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.85 in.)	LEDs		
Link 1 (Green) 10/100/1000 Mbps 1 (Orange/Orange&Green / Green) Emulation Emulation Keyboard / Mouse USB; PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 9A Power Consumption DC5 3V:4.48W:30BTU/h Note: • The measurement in Wats indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is tully loaded. Environmental 0-40°C Operating Temperature 0-40°C Storage Temperature -20-60°C Humidity 0 -80% RH, Non-condensing Physical Properties Matal Weight 0.88 kg (1.94 lb.) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (122 x 3.3 x 1.65 in.)	Power	1 (Orange)	
10/100/1000 Mbps 1 (Orange/Orange&Green/Green) Emulation Emulation Keyboard / Mouse USB; PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V-; 50-60 Hz; 10A Output 100-240 V-; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device with no external loading. Operating Temperature 0-40°C Storage Temperature 0-40°C Humidity 0 -80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (122 x 3.3 x 1.65 in.)	Power Outlets	1 (Orange)	
Emulation Keyboard / Mouse USB; PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100–240 V~; 50-60 Hz; 10A Output 100–240 V~; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental O-40°C Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.85 in.)	Link	1 (Green)	
Keyboard / Mouse USB; PS/2 Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V~; 50-60 Hz; 10A Output 100-240 V~; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental 0-40°C Storage Temperature 0-40°C Humidity 0 - 80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	10/100/1000 Mbps	1 (Orange/ Orange&Green /Green)	
Video 1920 x 1200 @ 60 Hz; DDC2B Maximum Input Power Rating 100-240 V~; 50-60 Hz; 10A Output 100-240 V~; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental 0-40°C Storage Temperature 0-40°C Humidity 0 -80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 0.88 kg (1.94 lb.) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Emulation		
Maximum Input Power Rating 100–240 V~; 50-60 Hz; 10A Output 100–240 V~; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental 0-40°C Storage Temperature 0-40°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12 x 3.3 x 1.65 in.)	Keyboard / Mouse	USB; PS/2	
Output 100-240 V-; 50-60 Hz; 9A Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental 0-40°C Storage Temperature 0-40°C Storage Temperature 0-40°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (1.2 x 3.3 x 1.65 in.)	Video	1920 x 1200 @ 60 Hz; DDC2B	
Power Consumption DC5.3V:4.48W:30BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Operating Temperature 0-40°C Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (1.2 x 3.3 x 1.65 in.)	Maximum Input Power Rating	100–240 V~; 50-60 Hz; 10A	
Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Operating Temperature 0-40°C Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (1.2 x 3.3 x 1.65 in.)	Output	100–240 V~; 50-60 Hz; 9A	
• The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Operating Temperature 0-40°C Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Power Consumption	DC5.3V:4.48W:30BTU/h	
Operating Temperature 0-40°C Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)		 The measurement in Watts indicates the typical power consumption of the device with no external loading. 	
Storage Temperature -20-60°C Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Environmental		
Humidity 0 - 80% RH, Non-condensing Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Operating Temperature	0-40°C	
Physical Properties Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Storage Temperature	-20-60°C	
Housing Metal Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Humidity	0 - 80% RH, Non-condensing	
Weight 0.88 kg (1.94 lb) Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Physical Properties		
Dimensions (L x W x H) 31.00 x 8.39 x 4.20 cm (12.2 x 3.3 x 1.65 in.)	Housing	Metal	
(12.2 x 3.3 x 1.65 in.)	Weight	0.88 kg (1.94 lb)	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	Dimensions (L x W x H)		
	Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	



Diagram



Phone: 886-2-8692-6789 Fax: 886-2-8692-6767 www.aten.com E-mail: marketing@aten.com van (B

Copyright 2015 ATEN® International Co., Ltd.
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
 All rights reserved. All other trademarks are the property of their respective owners.