

**Keyboard Video Mouse-
 Remote Management
 +
 Comprehensive System
 Management
 +
 Access via
 LAN/Modem/ISDN
 +
 Highest Security
 +
 up to 4 units in 1U 19”
 Rack space
 =**

LARA



Remote Management with KVM over ISDN, WAN, Internet

With LARA your Remote Maintenance of Servers via common communication networks will face a new Dimension.

Despite the fact that LARA (up to 4 units in 1U) is the smallest “KVM to IP- Extender” in the Marketplace; in supporting IPMI based system management LARA also sets a new measurement in terms of integrated power cycling and the hard reset capability.

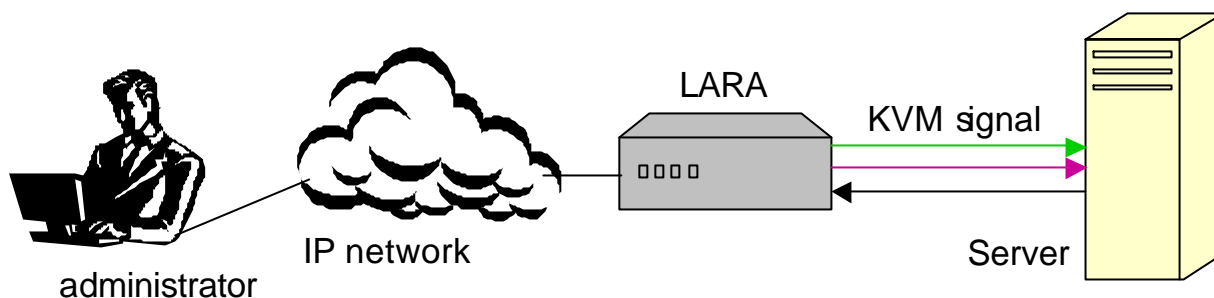
Thereby LARA provides the highest level of flexibility. Independent from the system software of a server or a special client LARA fits easily into existing IT-Environments and allows rapid installation.

In using the LAN, ISDN, DSL or an analogue modem, for the users almost every kind of data communication is possible.

Operation

The device allows highly available server control, intervention, configuration, monitoring or re-boot, regardless the geographical location of the administrator, just as being onsite.

Even in case of network failure the Server can be accessed at any time out of band via ISDN-, modem dialup or a second separate service LAN. Either for a single server or in using a large matrix KVM-Switching System for a big number of machines, using LARA literally faces now bounds. The unit allows local control of Keyboard, Video and Mouse as well as multiple users remotely at the same time.



Security

The comprehensive security concept complies to nearly every possible application in remote system access. LARA guards every kind of data transfer with the industries most secure encryption algorithms. A unique user certificate can be generated, established and signed at a trust centre of choice and then uploaded onto LARA to efficiently prevent „Man-in-the-Middle“- attacks or spying.

A sophisticated user management allows up to 255 individual user profiles which can be consequently fine tuned at group and single user level. Rights can be assigned, changed or taken at any time remotely. Irreversible data logging provides complete and unbroken documentation on any remote or local event.

Independence

LARA neither needs complicated configuration at the server side, nor at the local client station. LARA supports accelerated input devices as well as non-accelerated. It can display all common VESA plots in text and graphic mode up to a resolution of 1280 x 1024. LARA operates completely server OS independent and does “not eat” CPU time at all. At the client side is just a JAVA enabled standard Web-browser needed to fully control and access remote servers.

Art. No.	Product
8 40 00 00	LARA digital external KVM extender
8 40 01 00	LARA internal power/reset option
8 40 02 00	LARA rack mount kit
8 40 03 00	LARA IPMI option

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Features:

- Complete access and control of servers in any kind of operational status such as boot screen and BIOS shell
- access via Ethernet, ISDN, Modem
- Dynamic DNS for DSL services
- Automated window sizing to the remote server desktop console resolution
- Complete Access and control via standard Web-Browser
- highest industry level data encryption
- innovative hardware based video compression
- fluid Mouse movement
- three selectable Mouse modes
 - local and remote Mouse simultaneously
 - remote Mouse only, locally suppressed
 - local Mouse only, remotely suppressed
- up to 25 users simultaneously
- up to 255 user profiles definable
- local Keyboard, local Mouse switch off capability (viewing only)
- remote reset und remote power on/off
 - via IPMI system management option
 - via internal reset/power switch option
 - via external power switch (Third party)
- Virtual multilingual Keyboard (Soft Keyboard, PDA Support)

Technical data:

- Ethernet 10/100 Mbps auto sensing
- Euro ISDN (EMEA version only) 2 * 64 kbit/s
- PowerPC 405,32 MB RAM, 4 MB ROM
- Max. display resolution 1280 x 1024 @ 60 Hz
- Java VM in Client versions- 1.2, 1.3 oder 1.4

Test LARA life at the Internet under <http://lara.peppercon.com> – directly from your own work station!