

- Supports VGA up to 1280x1024@75Hz
- Supports PS2 keyboard/mouse (depending on model)
- Supports serial Interface (V24/RS232) and Audio (depending on model)
- Local access for VGA, keyboard and mouse (depending on model)
- requires 3 or 5 Fibres Multimode (depending on model)
- maximum diastance up to 1000m (50 μ or 62,5 μ Multimode Fibre Cable)



VTO2/VRO2 V6.00



K235-9W



K234-9W



K236-9W

VTO2/VRO2 V6.00

Video	VGA
Resolution	up to 1280 x 1024 @ 75 Hz
Keyboard/Mouse	PS/2
V24/RS232 (K234-9W only)	up to 19200BAUD fully transparent
AUDIO (K234-9W only)	Bidirectional Stereo-Audio transmission, digitally transmitted, near CD-Quality, 16bit, 38,4 kHz,
Power Supply	Universal Switchmode PSU (90-240V Input)
Size	19"/2HE-Housing to carry up to 3 devices
	133 x 180 x 43 mm-desktop (19" mountable with RMK)
Fibre Cable (3 or 5 Fibres)	Multimode 50/125µ or 62,5/125µ, ST-connector
Max. distance	1000 m (62,5µ), 1000 m (50µ)
Access	local, secondary console directly at the CPU Single console at the Remote-end

Where can make the VTO2/VRO2 your life more easy?

Use VTO2/VRO2 to remotely locate you monitor, keyboard and other peripheral devices up to 1 km) from the CPU. Fibre extension technology ensures perfect image quality no matter how far you extend!

Why does it make sense to remotely locate a CPU?

- Protection computers against dust, water and vibration
- Avoid theft and protect against unauthorized installation of software
- Simplify maintenance, configuration and administration of multiple users computers by co-locating them
- Save costs by installing air conditioning and high-speed networking equipment in a central server room
- Cut out noise in the work place

VTO2/VRO2 Applications

- Financial (remote users and server control)
- Call Centres (co-locate user's computers)
- Industrial (fibre optic isolation)
- Information Terminals & Kiosks
- Airports (air traffic control, passenger information systems)
- KVM extension where exceptional image quality is required
- Medical – using computer tomographs generates strong magnetic fields, which make it impossible to use monitors. Using fiber optic cables allows remote location of monitors that require a very high screen resolution.

Or perhaps you have a protection critical installation, where it is not allowed for the user to directly access to the CPU

Our VTO2/VRO2 Family

Especially on large distances or on transmissions through electromagnetic noisy environments (EMI) as well as on bridging distances between buildings, since many years, fibre optical transmissions are first choice to solve these problems. The optically isolated connection between local and remote unit and the insensitive fibre cable prevent dysfunctions and system breakdowns.

The members of the family:

K234-9W

Supports VGA, PS2-style Keyboard/Mouse + serial Interface (V24/RS232) + Audio. Thereby it is also possible, to use this extender with old fashioned AT-Systems with serial Mouse

K235-9W

Supports VGA, PS2-style Keyboard/Mouse. This is the standard device for to remotely locate a console on modern systems.

K236-9W

Supports only a VGA -Monitor. Therefrom it is particularly usable in applications, where no user access is required. (Information systems, Presentations, ...)

Flexibility

It's well designed desktop housing makes it to a beautiful accessories on each desktop. Using mounting brackets, it may also be mounted under the desktop plate - You save additional space on your desktop.

For rackmounting this device in 19" cabinets, which are often used in Networking or Server applications, you may mount the VTO2/VRO2, using rackmount kits into a single 1U space. You can mount up to three devices with this rackmount kit. This saves valuable rack space.

Highlights

- Top Image Quality at all Resolutions
- Video Resolutions up to 1280 x 1024 @ 75Hz
- Basic device to remotely locate Monitor and Keyboard/Mouse: PS2 (K234-9W / K235-9W)
- Basic device to remotely locate Monitor (K236-9W)
- Dual-Access for PS2: in addition to the remote access, a Monitor and Keyboard/Mouse may be connected directly at the PC. (K234-9W + K235-9W)
- Dual-Access for VGA: in addition to the remote access, a Monitor may be connected directly at the PC. (K236-9W)
- In addition to Monitor and Keyboard/Mouse, a serial Interface (V24/RS232) and a bidirectional Audio signal can be transmitted (K234-9W)
- Maximum Screen Resolution on all distances:
 - 1000 m w/ Multimode Cable 50µ
 - 1000 m w/ Multimode Cable 62,5µ
- Compatible with all operating systems
- Compatible with all major KVM Switches
- Rack Mount options (19"): Mount up to 3 devices in a 19"/2U housing -or- using a rackmount kit, you can store up to 3 devices in 1U. This saves expensive rack space.