



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

# CATx DUAL VIDEO MICRO EXTENDERS



ACU3201A

## Key Features

- ▶ Future-proof flash technology for keyboard/mouse protocols.
- ▶ Dual-access versions with two local video outputs for full local server control.
- ▶ DDC compliant for Plug-and-Play connectivity.
- ▶ Improved video circuitry allows 1600 x 1200 resolution up to 50 metres away!
- ▶ Multimedia versions support stereo audio and serial RS-232.
- ▶ Standalone remote units for use with KVM Extender Hubs are available.

Warranty — 1 Year

### Dual-head video extension

Modern graphic adaptor cards often allow Dual-head VGA output. They are mainly used in graphic or control/surveillance applications where the operator needs a quiet and tidy environment to focus on the main task: controlling mission-critical applications.

To fulfill these needs, use the Dual-Head Micro KVM Extenders. They allow operators to control their processes ergonomically while the servers or workstations can be hosted in a separate air-conditioned location up to 50 metres away. Popular CATx structured cable technology allows high-performance extension of the required VGA and keyboard/mouse signals in a single kit instead of having individual extender kits per video signal. This reduces clutter and is cost-effective!

### Alarming

If you may need an acoustical alarm, choose the serial/audio Dual-Head Micro Extender models. They transmit bidirectional stereo audio sounds together with the keyboard/mouse data and the two video signals.

Often alarm notifications need to be printed on low-speed serial matrix needle printers. With a serial interface, the ACU3222A and ACU3228A are the ideal solution to install alarm printers at the remote site and use as a one-for-all extender.

### Dual access for administration

The dual-access models (ACU3209A, ACU3228A) allow system administrators to take care of the servers at the server location while still being able to share keyboard/mouse function and video signals with other users in the environment.

### Standalone Micro Remote Units

Use these standalone remote units (ACUMR02A, ACUMRA02A) with KVM Extender Hubs.

# TECH SPEC

**Transparent Serial Port** — RX, TX, DTR, DSR, RTS and CTS to 19.2 kbps

**Connectors** — All local units: (1) DB25 F, (1) DB15 M,  
 (1) 2.5-mm barrel power jack, (2) RJ-45 F;  
 ACU3209A, ACU3228A also include: (2) DB15 F, (2) 6-pin mini DIN F;  
 ACU3222A, ACU3228A have additional: (2) 3.5-mm audio jacks, (1) DB9 F;  
 All remote units: (2) DB15 F, (2) 6-pin mini DIN F,  
 (1) 2.5 mm barrel power jack, (2) RJ-45 F;  
 ACU3222A, ACU3228A also include: (2) 3.5-mm audio jack sockets, (1) DB9 M

**Power** — Local units via PS/2 interface or optional external 9-VDC power supply (PSU1002E-R2);  
 Remote units: Included 100–240-VAC, 50–60-Hz/9-VDC external power supply

**Size** — Local units: ACU3201A: 29H x 145W x 110D cm;  
 Others: 44H x 145W x 110D cm;  
 Remote Units: ACU3201A: 29H x 120W x 110D cm;  
 Others: 44H x 120W x 110D cm

## Ordering information

ITEM	CODE
Micro Extender PS/2 Dual VGA	ACU3201A
- with RS-232 & Audio	ACU3222A
Micro Extender Dual-Access PS/2 Dual VGA	ACU3209A
- with RS-232 & Audio	ACU3228A
Standalone Dual-Head Micro Remote Unit PS/2	ACUMR02A
- with RS-232 & Audio	ACUMRA02A
19" (48,3-cm) Rackmounting Option (for up to 3 units)	ACURMK19U-X3

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**On-line** — receive technical knowledge on-line, including technology overviews, Black Box Explains and the Knowledge Box.

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