

ClassView



Classroom KVM sharing for up to 255 PCs

Instructor can access the students' computers

Keyboard controlled, easy to use

Bus connection simplifies installation

Features and Benefits

- Instructor controls connections through simple keyboard commands using the keyboard template provided
- Instructor can access any student's computer in three modes:
 - *View* - see student's station without disturbing their keyboard or mouse
 - *Share* - see student's station with interactive keyboard and mouse sharing
 - *Control* - see student's station with complete control over their keyboard and mouse activity
- Instructor can enable and disable students computer in two modes:
 - *Disable* - Student's screen is blanked, keyboard and mouse are locked out
 - *Freeze* - Student's screen remains on, but all keyboard and mouse activity is locked out
- *Show* - lets instructors show their screen to any or all students
- *Transfer* - allows a student to view or control another students computer
- *Scan* - allows instructor to sequentially view each computer
- Easy installation and expansion

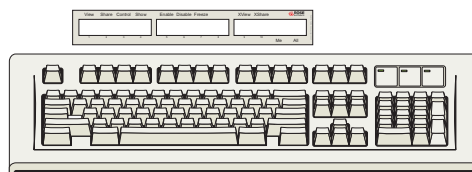
The ClassView™ Advantage...

If you are planning or enhancing a classroom, training, or educational center — ClassView™ is a product you need to know about. Designed specifically for classroom and training applications, the ClassView allows teachers to interact with their students by seeing and controlling their computers from the teacher's desk. Teachers can also show their computer to the students.

You can provide one-on-one interaction, allow groups to work among themselves, transfer control to others, freeze screens, lock out keyboard and mouse activity, and scan through student's computers. The applications are as versatile as your needs. All of the connections are controlled through the teacher's keyboard.

The ClassView is used in a variety of educational and corporate settings, such as elementary schools, high schools, colleges and universities, corporate training centers, and conference rooms.

Easy to install, easy to use — ClassView provides the modern way to teach in today's electronics classroom. Call us today to learn more how ClassView can improve your training application.

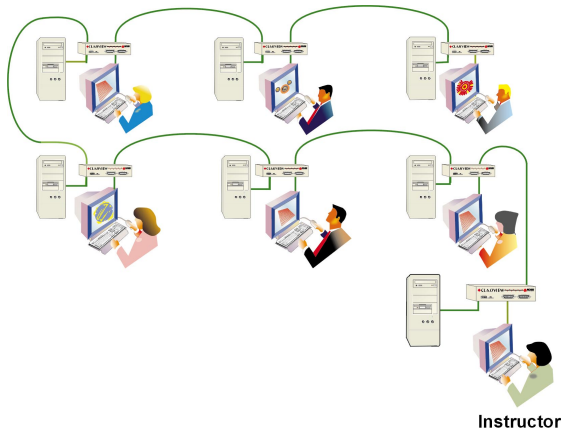


The ClassView keyboard template simplifies the teacher's access to the student's computers



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Typical Application



Introduction Perfect for any training or classroom environment, ClassView allows instructors to view, share, control, disable, freeze, show, transfer, or scan their students' computers throughout the classroom. ClassView consists of a teacher's unit and multiple students' units. The ClassView units are connected together with a single bus cable.

Installation ClassView is easy to install. Simply connect the instructor's and each student's computer, keyboard, monitor, and mouse to each ClassView unit using the Rose UltraCable. Connect the ClassViews together using the bus cable. Set the address of each student's unit from the front panel dip switches and power the units on. The yellow status lights on the front of each unit will flash to show that the units are networked together. Your installation is now complete.

Cables Rose's UltraCable streamlines the cable connections to MultiStation, simplifying cable management and improving system reliability. Each unit comes with a five foot computer, KVM, and bus cable. Connection between the units uses high quality 13W3 video connectors for crystal clear video even at long distances.

Operation When interconnected to the Instructor's ClassView unit, the Instructor's keyboard provides control connections through the keyboard. An instructor keyboard template is provided. It fits over the function keys and gives an easy reference to the keyboard commands to make connections. Entering commands from the student's keyboard is disabled by default, unless it is configured to be able to use the Transfer Mode described below.

The instructor can access any student's computer in three modes. View Mode allows the instructors to see the student's station without disturbing their keyboard or mouse. The Share Mode allows the instructor to see the student's station and interact with the student via keyboard and mouse sharing. The Control Mode allows the instructor to see a student's station and take complete control of the keyboard and mouse. The share mode has an adjustable timeout to optimize the interaction between the student and the teacher.

The instructor can enable and disable any or all student workstations in two modes. Disable Mode allows the instructor to blank out a student's screen and lock out the keyboard and mouse. The Freeze Mode allows the instructor to lock out the keyboard and mouse but keep the student's screen on.

There are three other modes that allow the instructor to work with the class. The Show Mode allows the instructors to show their screen to any, all, or a

group of students. The Transfer Mode allows a student to view or control another student's computer. (Perfect whenever you have students working on a group project.) The Scan Mode allows the instructor to sequentially view each student's computer.

Keyboard and Mouse ClassView supports full emulation of keyboard and mouse, computers can be booted at any time. There is full support for all operating systems, such as Windows 95/98/NT/2000, Linux, and those on Unix workstations, such as IBM AIX, HP UX, and SGI Iris. The computer's mouse type can be PS/2 or serial type. You can program the unit to use either a serial or PS/2 mouse on any unit. It will convert from one format to another automatically. You can do all the programming of the student's units from the teacher's unit. Once you program any setting you can save it in non-volatile memory with the keep command.

Front panel The front panel has dip switches which set the student's address. This value of this address is used by the teacher to switch to the student's computer. The power LED lights green to indicate that the unit is powered on. The status LED on each unit is a useful diagnostic indicator that should flash at one-second intervals to indicate that the units are properly connected together. The indicator also flashes when keyboard and mouse data is sent. The send LED, when lit indicates that video from the computer is being sent to other units. One or more units may be receiving the video.

Video The ClassView system can drive video, keyboard, and mouse up to 100 feet away. Video resolution up to 1280 x 1024 is supported. There is an adjustable timeout for the video so that the video can be automatically turned off after 1-999 seconds of inactivity.

Options The unit is rack mountable with 19", 23" and 24" rack kits available. There is an RS232 port on each unit. This can be used in conjunction with various auxiliary equipment such as keypads, audio switches, and other equipment. Call to discuss your application.

Part Numbers

Units below are kits that include all cables and power adapters	
CVK-TP	Instructor's Unit, PS/2 Type Mouse
CVK-TR	Instructor's Unit, RS232 Type Mouse
CVK-SP	Student's Unit, PS/2 Type Mouse
CVK-SR	Student's Unit, RS232 Type mouse

Specifications

Dimensions	8.85" W x 4.90" D x 2.10" H 22.5 x 12.5 x 5.3 cm
Weight	3 lb. (1.8 kg.)
AC power	117 VAC Power adapter supplied, 230 VAC optional
Input power	17 VAC CT, 700 ma
Connectors	Power: Din5 CPU/KVM: DB25 Female Bus In/out: 13W3 Female RS232: RJ45 6 conductor
Video bandwidth	150 Mhz
Rack mount option	19", 23", or 24"
Chassis	Electro-galvanized steel, painted
Controls	Power On/Off Switch, 8-Position Dip Switch
Indicators	1 Power LED (green), Status LED (yellow), Send LED (yellow)
Environmental	0-55° C, 0-80% non-condensing rel. humidity



Rear view of ClassView, model CVT-CMB

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