



Total Control Over Computer Labs and all AV Devices !

HiClass X puts teachers squarely at the center of the school's computer lab with a wide array of functions and features to broadcast, monitor and control student activities and manage all AV devices in the stimulating IT-environment, there's no question who is in charge!

The focus of HiClass X is on its simplicity so even non-technical users can use it without too much training. At the same time, with HiClass X, not only do teachers cover more teaching material in less time – but they do so with measurable improvement of student retention levels and academic performance.



Making It Easy to Manage Computer Lab and AV Devices

HiClass X is a prefer solution for teacher to take total control over the computer lab and all AV devices provided in the lab. From HiClass X's main console, teacher can broadcast teacher screen, observe students PCs, and talk with students. Teacher can also select up to 3 out of 6 different AV sources and decide where those three signals will be displayed simultaneously. No more complicated wiring or 'try and errors' on the remote controllers of different AV devices!

Why Select HiClass X

- Broadcast teacher screen to student PCs and talk to students by HiClass X. At the same time, a selected DVD movie from the DVD player is sent to the classroom projector by a few clicks. So students can see different material transmitted over the HiClass X simultaneously!
- Teacher selects a student as a DEMO student and send this DEMO student's screen to the projector by HiClass X. And teacher can still communicate or monitor all students by HiClass X if the teacher needs!
- Teacher use a document camera to capture an image such as a world map and send the image to the project. At the same time, teacher can send a website containing more information to students PC easily.
- Teacher can broadcast his/her PC screen to the project and broadcast the audio of selected cassette player to students, so students can see and listen to what teacher arranged.



Multi-functional System with Customizable Console for Different Needs

Built with flexibility and easy-to-use in mind, HiClass X works as video scalar, AV matrix, AV distribution amplifier and infrared ray remote controller

Four Sub Control Console

- IR Controller – Teacher can control AV devices that connect to HiClass X system. No more complicated wiring and operating. IR learning function is also included in HiClass X.
- AV Matrix – Select 3 out of 6 inputs sources and display on 3 different outputs simultaneously. HiClass X can also distribute the VGA signal to an output up to 300 meters away!
- CM Function – Teacher can put most frequently used classroom management functions here and activate CM functions from this sub console.
- Smart Function - Teacher can use a GUI tool to program most frequently used function into one button and active the functions by one click. This is a powerful and easy to use feature for teachers.



Distribute and Display up to 3 Signals at the Same Time

- Teacher can select 3 out of 6 inputs sources and display on 3 different outputs simultaneously. HiClass X can also distribute the VGA signal to a output up to 300 meters away, so it is easy to connect the system with classroom projector which is away from the teacher desk.

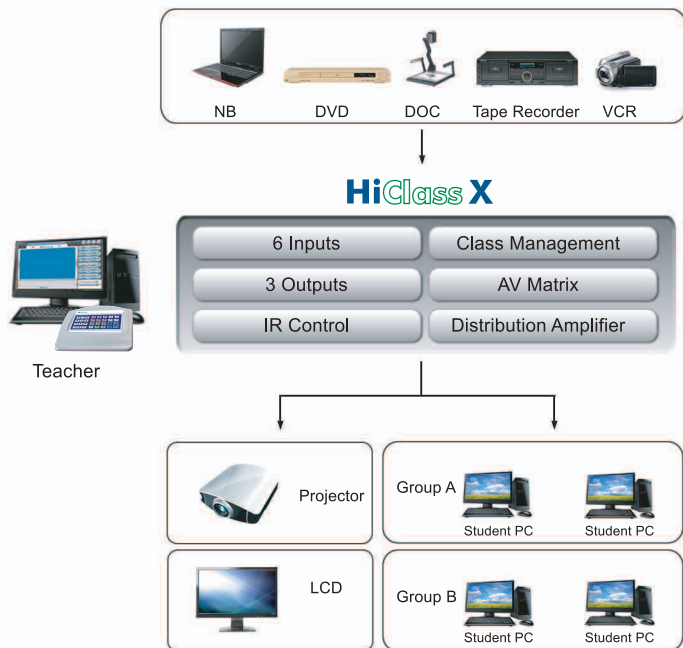
Smart AV Matrix

Broadcast

Observe

Control

- Easy to implement and operate - by using STP cable to connect the system's components, it makes the implement very easy and cost saving.
- Support high resolution screen and projector - HiClass X supports a high resolution TFT-LCD monitor up to 1,600 * 1,200.
- IR Controller learning - IR learning function makes it possible to control all devices which connected to the HiClass X system after IR learning.



Programmable Smart Function Sub Console

In order to help teacher operating the AV system in the lab easily, HiClass X provides the programmable Smart Function console that teacher can use the GUI (graphical user interface) tool to create and program by touch operation.

Instead of pushing many buttons to select the signal from the DVD payer, broadcasting it to student screens and broadcasting it to classroom projector. Teacher can create one button in smart Function console and just press one button to perform operating that need to be done by pressing several buttons.

This feature greatly simplifies the operation and improve the teaching efficiency



Load, Save, Import and Export HiClass X Console Design

Teacher can tailor the HiClass X console according to teaching requirements or teachers' personal preference. The layout, smart button, button name all can be modified and then saved as a file. So teacher can load different console files according to different class! Or teachers can even share their own HiClass X console design with other teachers.

Monitor Students Activities and Provide Assistant

Observe Student

Observe function allows teachers to observe one, selected or all students by a few clicks. So teachers do not have to go around in the classroom to watch students what they are doing. Teacher can also pause on any student, talk to the selected student and help the student by controlling student's keyboard and mouse if necessary.



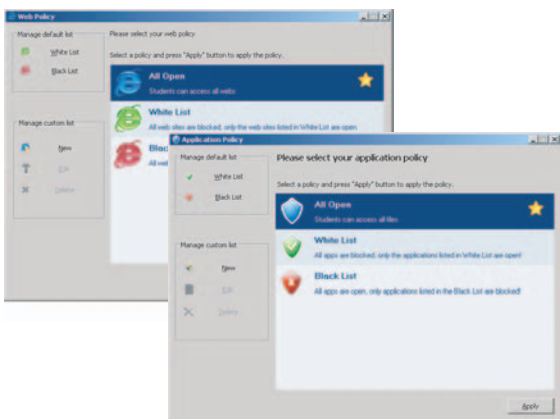
Remove Distractions Effectively

Black Screen

At the beginning of class, during a lecture, or just to get the student's attention, Black Screen displays a configurable message while simultaneously locking out the student screens, keyboards and mice. Black Screen is a simple, yet effective feature to keep teachers in control.

Limit Web Sites and Applications

HiClass X provides teachers, trainers and professors the ability to limit where students can go on the Internet and what applications students can use.



Facilitate Teaching and learning

Broadcast

With HiClass X, teachers can broadcast their PC screen to one, selected or all students by a few clicks. Every student monitor displays exactly what the teacher sees in crisp high quality. HiClass X supports two broadcast modes, students will either be locked out of their computers or allowed to re-size the teacher's broadcasted screen at teacher's choice.

Student Demo

If a student has a creative thinking to a problem or just a pretty picture, select that student and click the Student Demo button. Immediately, all other students in the class or group or selected will see in real-time that particular student's computer screen.

Remote Control

HiClass X Remote Control is a quick and easy way to remotely help a student who needs help. With a single button click you can see the student screen and take control of the student's keyboard and mouse. The teacher can optionally lock out the student or allow them to use keyboard and mouse when teachers in control.



Group Activities

HiClass X Group is a powerful function that allows teachers to group students into different group or put students in pairs for different group activities, collaboration, or even conversation practice. Teachers can also assign different tasks to each group and let each group have different activities to meet different group's learning targets.

Group Leaders

A selected student can be assigned certain rights and act as a Group Leader to take over some teacher's functions, like Broadcast, Observe, etc, until such privileges are revoked.

Net Movie

Teacher can use Net Movie function to send a high quality movie to students. A special design Net Movie player will popup on teacher and all students PC when this function is started, and the playback will be controlled by the teacher. Net Movie now supports movie in many different formats and it will take less bandwidth than Screen Broadcast.

Communicate and Collaborate

Send a Message

Sending message is the quickest and friendly way to hint a student focusing on learning. Once a student knows that the teacher is watching, that is usually enough to keep them focusing. Messages can be typed in or selected from the last 10 messages sent. They can be sent to one, selected or all students in the class.

Intercom

Intercom is a simple and private way for teachers to communicate with students without disrupting the rest of the class.

Answer Student Questions

Many students are embarrassed to raise their hand and would prefer to alert the teacher without other students knowing. With HiClass X, students can electronically raise their hand by typing in a question to the teacher. The teacher can respond though a chat session in private.

Assess Student Progress

Quiz

Electronically testing and grading is now a simple task. HiClass X provide a Quick Quiz for testing or a more sophisticate Quiz builder that can creates true/false, multiple choice and essay questions that can include graphics. When the quiz is sent out to students, the teacher can watch in real-time where and how students are doing on the quiz. The test questions can optionally be randomized and timed. Results can be exported to an electronic grade book, significantly reducing the time to administer and grade tests.

File Transfer

The daunting task of distributing and collecting homework and tests is easy in HiClass X. Simply select a file and send it to the students. When it is time to collect the file, students submit the files back to a unique location on the teacher's computer or network drive.



Record Screen

Teacher can record his screen operations and Electronic Pointe to annotate on screen then save as a file. And these files can be used as teaching material in the learning process. The teacher can playback the recorded file and broadcast to students at the same time.

Smart Scroll

The Smart Scroll feature let students view the broadcasted screen from teacher in window mode, and HiClass X will scroll the window according to teacher's mouse movement and always keep teacher's mouse in center.

Language Learning

Virtual Recorder

HiClass X is also a good solution for teaching and learning in language lab. Powerful Virtual Recorder functions make the computer lab suitable for language learning as well. Students can follow teacher's lead for the language practice. After the class, students can also export the class recording home for self-learning.

Group Talk, Pair Talk

By the Group Talk function, teacher can assign students into small group and have conversation practice. This is the basic language learning feature for any language lab.



Administrate

Seating Plan

Now teachers can create a seating Plan and save it as a file. And also teachers can load different saved seating plan and automatically bring students into the HiClass X session.

Power On, Logoff, Restart, Power Off

Turning machines on and off can take 10-20 minutes every day. Get that time back with HiClass X's Power features. Selected student machines can be powered on, logged off, restarted or shutdown with the click of a button. The Power On feature only work with desktops that support the Intel Wake-On-Lan standard.

Security

Tamper Resistant

Computers in classroom are one of the most hostile computing environments to support. Students are constantly trying to circumvent classroom management solutions. HiClass X is well designed for school environment and goes to great lengths to keep the system reliably running on student PCs.

Secure Mode

HiClass X can be configured to require a password to access the teacher console. Student program also can be protected by password to prevent unauthorized setup or even uninstall student program.

Support

Teacher Use Two Monitor

HiClass X support teacher PCs with 2 monitors, so teacher can use one monitor to manage the classroom and another monitor for teacher's other tasks. This is a great feature to help teachers use HiClass X more efficiently!

HiClass X has different function set in different version. Please consult your HiClass X resellers for detail function list. Please note that the functions listed above are not necessary include in every HiClass X program.

System Requirements

	Teacher PC	Student PC
CPU	Core E5200	CPU P4 2.8
Memory	1G of RAM	512 MB of RAM
Windows OS	Windows XP or Windows 7 (32bit)	
VGA Adapter	256M Independent display card	
Sound Adapter	Duplex	

Network	
Protocol	IPX/SPX, NetBEUI and TCP/IP