

CAT5 WinSchool for Computer Classrooms

Computer Based Training - Inspiring Business, Energizing the Classroom!

Overview

It's a perfect time to upgrade computer classrooms to CAT5 cabling. UTP, with differential signaling, far surpasses what was possible using previous coax systems, and does so with lighter cables, and longer cable runs.

CAT5 WinSchool for the classroom features two-way video, two-way audio, and two-way keyboard/mouse control. Beacon's patented, one-to-one ring topology keeps cabling requirements affordable, while the super clear signals mean that the students farthest from the teacher enjoy perfect communication. Nothing beats WinSchool for smooth, clear transmissions over convenient, economical CAT5 cable.



Features

Broadcast

- The teacher screen and audio can be sent to all, selected, or any single student.
- Any student screen and audio can be sent to all, selected, or another single student.

Observe

- The teacher can keep tabs on student activity by scanning student screens and audio, either for one student, selected students, or all students.

Blank Screen

- When students need to concentrate on lectures, drills, or other presentations, the instructor can blank out one, selected, or all student screens.

Control

- Keyboard and mouse on any station may be remotely controlled. Control has three modes: teacher Controls student, student Controls teacher, or student Controls other student.

Tap Switch

- Totally easy to use, the Tap Switch enables the teacher to either Broadcast to all students or to Blank all student screens with the touch of a single button.

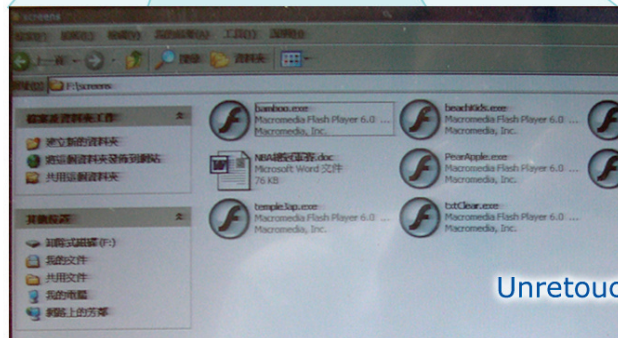
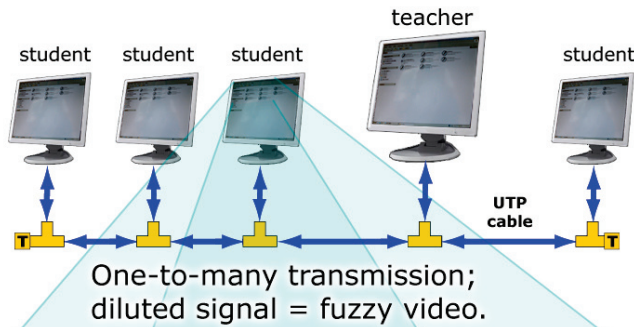
WSS-581 based systems offer VGA video, full duplex audio, and control functions. For lighter requirements, WSS-588 systems offer all functions but audio, and WSS-589 based systems offer VGA video only. See below:

	WSS-581 based system	WSS-588 based system	WSS-589 based system
VGA video	✓	✓	✓
Full duplex audio	✓	•	•
Keyboard/mouse control	✓	✓	•
Cabling	5-pair CAT5 UTP	4-pair CAT5 UTP	4-pair CAT5 UTP

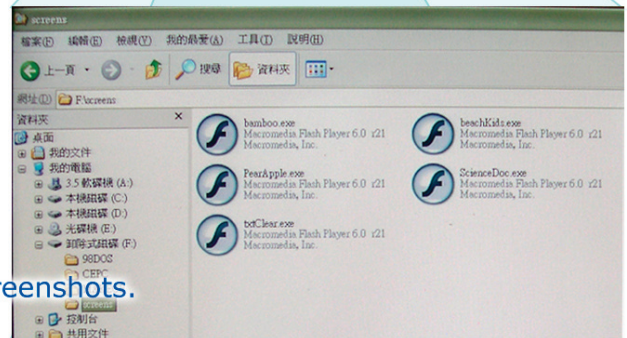
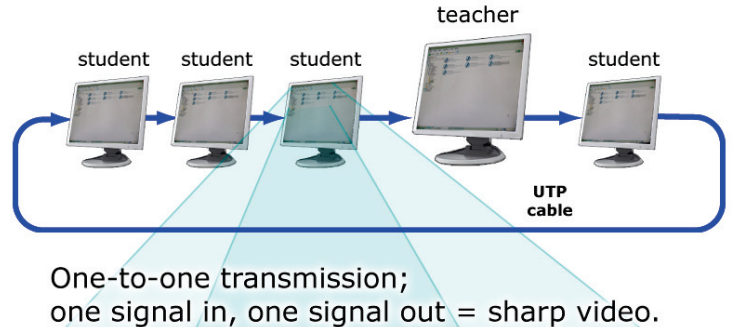
Side-by-side comparison: Old, multi-drop bus topology vs. New, one-to-one ring topology

In old, multi-drop bus configurations, the video signal is split mercilessly according only to how many stations need to be served. With every split, signal quality degrades. In Beacon's patented one-to-one ring topology, the video signal is *boosted* as it passes through each transmission unit. The result: sharp, bright video, even at the very back of a large lecture hall.

Old-style, one-to-many



Beacon's patented, one-to-one



Ordering Information

WSS-581S1 Single student unit, steel case		Single-student audio-video transmission Unit enhances audio-video signal. With audio-video Broadcast, Control.	WSS-580R8 8-port AV hub		Transmission Hub enhances signal, simplifies cable management. Eight-port.
WSS-581S2 Dual student unit, steel case		Dual-student audio-video transmission Unit enhances audio-video signal. With audio-video Broadcast, Control.	WSS-582U Tap Switch		Easy, instant, one-touch Broadcast to all students; or Blank all student screens.
WSS-588S1 Single student unit, steel case		Single-student video transmission Unit enhances video signal. With video Broadcast, Control.	WSS-N Interactive (Windows software)		Windows-based software program provides a simple drag-and-drop interface for teacher.
WSS-588S2 Dual student unit, steel case		Dual-student video transmission Unit enhances video signal. With video Broadcast, Control.	WSS-583 Control Panel		Control panel for teachers who prefer a switch-based hardware interface.
WSS-589 Dual student unit, plastic case		Dual-student video transmission Unit. Enhances video signal. With video Broadcast.	Accessories Headsets, Cabling		Headphones with attached microphone. Cabling as needed.