

IP Video

Black Box advances communications to a higher level.

Major Challenge:

Providing sophisticated yet economical video surveillance for a university's DoD-funded research program.

A university physics department conducting research funded by the Department of Defense (DoD) needed to beef up security at its labs, especially in the area of video surveillance. However, the department's budget was tight, and the government money could only be spent for research, not security.

Black Box was able to install a robust yet economical video security system for the physics department on cabling already installed for its Ethernet network! Take a look at the details **below**.

Complete solutions from One Source™ — that's what Black Box Network Services is all about.

The Details:

The physics department thought our techs were Einsteins when they recommended our affordable IP Video Security System (see the diagram **below**). Our system uses the IP-read switches, routers, and cable already installed in the department's CAT5 Ethernet network for immediate savings.

With the IP Video Security System, we set up a camera at the front and rear doors of the building the physics department shares with the other science departments. In addition, we set up a third camera at the off-campus lab where most of the physics department's hard research is conducted.

All three locations are watched on the monitoring PC by personnel staffing the main building's security desk. A monitoring PC set up at the lab also enables the security staff there to conduct its own on-site video surveillance. Both sites are connected over a dedicated T1 line.

IP Security Digital Recorder software enables security personnel to digitally record and view all 3 video streams at the same time — in fact, the software can handle up to 16 simultaneous video streams! The security staff can also store and retrieve digital images and video streams for later playback.

Robust security, tremendous savings — another Black Box success!



The components

- (3) IP Security Cameras (LC1000A), each with (1) 3–8-mm Auto Iris (Light Correcting) Lens (LC1001A-8mm)
- (3) Mounting Brackets (LC1002B)
- (1) IP Security Digital Recorder Software (LC1004A)

IP video provides watchful eyes for security

