



TECHNICAL SPECIFICATIONS

THE GUARDIAN SYSTEM RECOMMENDS THE FOLLOWING CAMERA OPTIONS:


Model: Axis 209MFD: Megapixel
Image Sensor: 1/3" Progressive Scan RGB CMOS 1.3 Megapixel
Lens: 3.6 mm, F1.8, fixed iris, horizontal angle of view: 74°
Resolutions: 160x90 - 1280x1024
Discreet profile body



Model: Axis P3304: 1MP/HDTV 720p, tamper-resistant casing
Image Sensor: 1/4" Progressive Scan RGB CMOS
Lens: Varifocal 2.8 - 10 mm, 80° - 22° view, F1.7, DC-iris
Resolutions: 1280x800 to 160x90
Audio Input/Output: Built-in microphone, external microphone input or line input, line level output



Model: Mobotix QZYM-SEC
Image Sensor: 1/2" CMOS, Progressive Scan
Lens: L22 (90° x 67°)
Resolutions: Color: 2048 x 1536 (3 MEGA)
Black/White: 1280 x 960 (MEGA)
Image Format: Free image format selection (from 160 x 120 to 2048 x 1536); with L11 lens: PTZ view, Quad view, panorama broad view image, double panoramic view, panorama focus with 3 views



EASY DOES IT!

AN EASY GUIDE TO HOWARD'S NEW BUS SURVEILLANCE SYSTEM, THE GUARDIAN.



To find out more online, please visit www.howardcomputers.com, or call (888) 912-3151 to speak with a sales representative today!

Hardware & Software

Howard Technology provides an **easy opportunity** for administrators to quickly and efficiently monitor activity on school property with **The Guardian**. Here's what you need:



01



02



03



04

01 RECORDING UNIT-HOWARD CARPC

The Guardian reliably records details of all on-board activity using Howard's CarPC. Recording begins with key-ignition; it can record for up to 90 days continuously and stops when the vehicle is switched off.

02 IP CAMERA-AXIS 209

The AXIS 209 Network Camera is a compact, rugged network camera designed specifically for the tough environments found in mass transit vehicles—resistant to dust, humidity and vibrations.

03 AVL-WEB TECH WIRELESS

The included Web Tech Automatic Vehicle Locator improves safety by enabling you to locate and monitor the exact position and security status of any school bus in real time. Features include:

- Diagnostics Alerts
- Speed Alerts
- Geo Force Notification
- Online Web-based Tracking
- Vehicle Maintenance
- Two-way Messaging

04 RECORDING & CLIENT SOFTWARE

Easy-to-use Milestone IP video surveillance software enables high quality video surveillance. It is a powerful tool for intelligent camera control, monitoring and video storage, with advanced features for fast searching and video analysis.



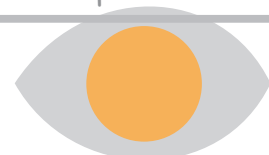
PURPOSE

Get proactive about safety with Howard's new product, The Guardian: a state-of-the-art mobile surveillance solution, expressly designed for use in school transportation vehicles. It promotes a safe and secure mobile environment for bus passengers by recording all on-board activity while the vehicle is in transit for monitoring by teachers, security officers and other administrative personnel. And it's easy to use—just turn the bus ignition key, and it automatically begins recording.

THE GUARDIAN PERKS

ADVANTAGES

Uninterrupted Recording

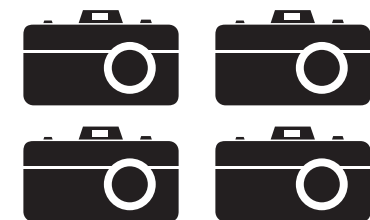


System records the entire time the bus is active including when footage is being retrieved from bus.

Ease of Installation

A TYPICAL LITTLE GUARDIAN CAN BE INSTALLED AND RECORDING WITHIN 2 HOURS.

Expandability



The Guardian has support for up to four cameras, which enables remote monitoring in multiple locations and improves security.

Convenient Use

USERS CAN WIRELESSLY RETRIEVE FOOTAGE WITHOUT LEAVING THEIR DESK

High-Resolution Cameras



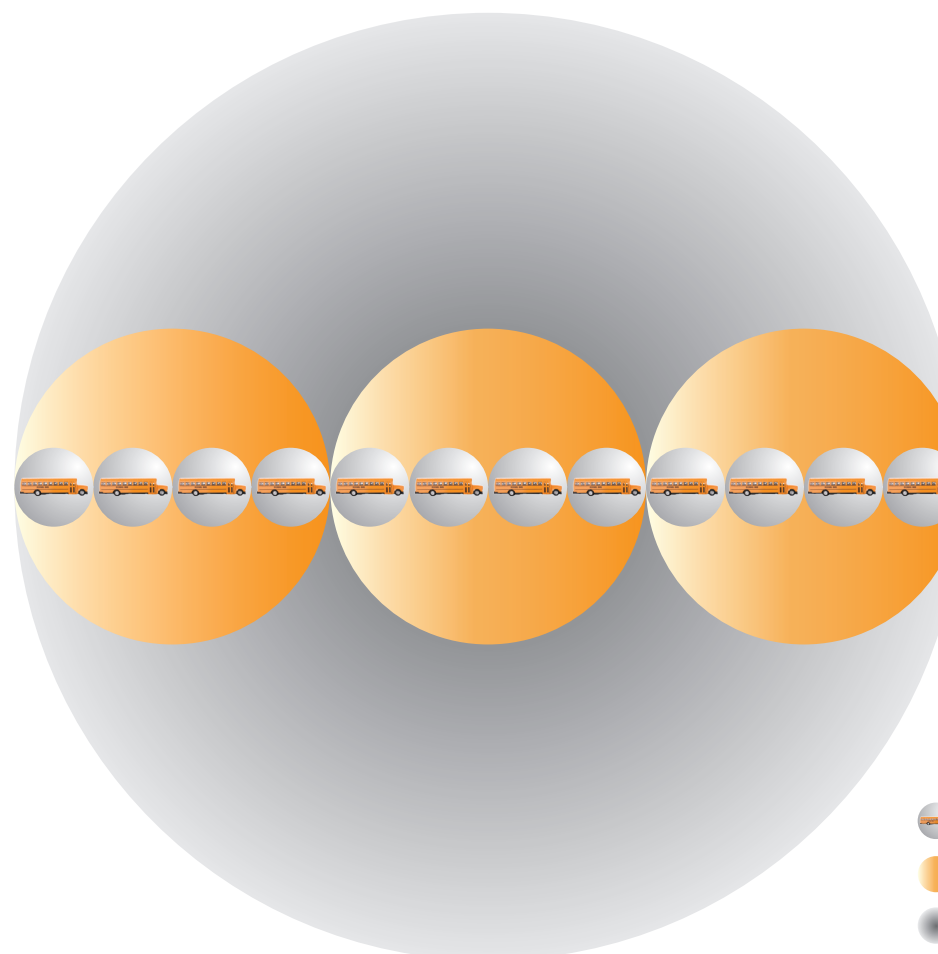
388%

Standard suggested 1 Mega-Pixel cameras have 388% higher resolution than that of analog cameras.

Audio

Integrated audio support is available with a variety of cameras.

3 Year Warranty



The Guardian surveillance system has a 3 year warranty. Within this warranty, The Guardian records continuously for 90 days with **no maintenance**.

WITHIN ITS 3 YEAR WARRANTY, THE GUARDIAN SYSTEM WILL ONLY NEED 12 UPDATES.

SIMPLICITY OF RETRIEVAL USING THE GUARDIAN

1. An incident happens.
2. Administrator tells the bus driver to drive to a convenient WiFi-enabled location.
3. Administrator logs into The Guardian system through Xprotect Smart Client.
4. Administrator locates the bus through Xprotect Smart Client.
5. Administrator exports footage to the PC.
6. Administrator can view the bus cameras live as it sits at the WiFi location, and recording is not interrupted while footage is being viewed.