

School Bus Tracking & Monitoring System



WE CREATE IDENTITY

FACE PASS

TECHNOLOGIES





Technology at work for you

VIDEO GATEWAYS FOR SCHOOL BUS

This Mobile DVR is a ground-breaking video gateway for mobile applications. Ideal for deployment in buses, trains, police cars, delivery trucks, and emergency response vehicles, the system uses cellular and wireless technologies to stream high-quality live or recorded video from vehicles to remote client devices. Full GPS support allows remote users to locate and track vehicles, while the anti-shock, vibration-resistant chassis ensures reliability on the road. Support for a closed-circuit monitor enables drivers to see what is going on in every corner of the vehicle at a glance, and bi-directional audio capabilities enable them to speak freely with dispatchers and other personnel.

FEATURES:

- ⦿ Weather-resistant, vandal-resistant, vibration-tested and auto activating components.
- ⦿ Built-in microphones, IR LEDs & locking DVRs.
- ⦿ On screen GPS documents driver performance.
- ⦿ 3G/4G Cellular Connectivity Module
- ⦿ GPS Speed & Mapping GeoFencing
- ⦿ 3-Axis Accelerometer
- ⦿ Wi-Fi Network Module & Antenna
- ⦿ Live Viewing from Vehicle Camera to your PC
- ⦿ Live Vehicle Tracking & Border Violation Alert
- ⦿ Live Crash CMS Alert
- ⦿ Remote Video via PC, PDA & Cell Phone
- ⦿ 64Gb SSD, with up to 512Gb capacity
- ⦿ 100% Solid State Digital Memory
- ⦿ Real-time SMS & E-mail CMS functions
- ⦿ Integration of Pan-Tilt-Zoom Controllers
- ⦿ 16 Input Sensors via Expansion Module
- ⦿ Wireless Data Download to PC Network
- ⦿ Live 2-Way Intercom with Driver
- ⦿ 60-400 Hours Video File Storage
- ⦿ Administrator SMS & E-mail Alerts
- ⦿ Remote Control of PTZ Cameras
- ⦿ Payment Transaction On Screen Integration



Watch
Your
Children



CHILD TRACKING SYSTEM:


- ⦿ Live View Monitoring with PTZ functions
- ⦿ Live Driver Intercom with CMS
- ⦿ Live GPS Tracking & GPS Alerts
- ⦿ Multiple Alerts: Border, Panic & Events
- ⦿ Remote: Playback, Download & Search
- ⦿ DVR Wireless Updates and Firmware
- ⦿ Multi-Location Data Access Control
- ⦿ Redundant Data Download Methods

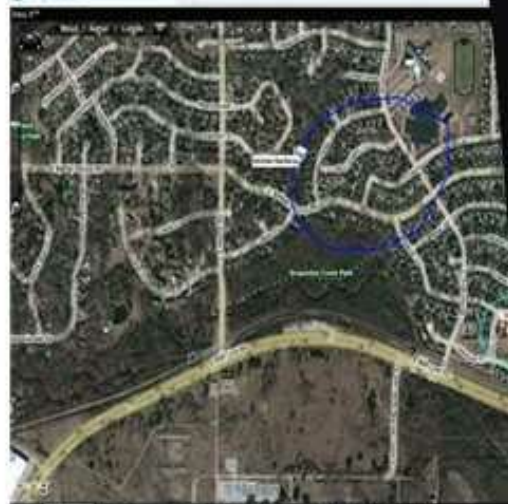


ADDITIONAL FEATURES:

GeoFencing: Making sure a vehicle stays in-route. E-mail, SMS and pop-up window in case it goes out of a specified location.

Play back advertisements via TV-Out on an external monitor (in the future: Playing specific ads according to location of vehicle).

- Alerts: via SMS, e-mail, MMS (optional), Pop-up, AVV.
-  y server installation means you don't have to use a public
- IP address in the 3G cards. Both 3G and Wi-Fi can be connected at the same time (3G for live
- View and Wi-Fi for dumping recordings).



Live Email Alerts to BlackBerry or Cell Phones



Live View from PC, BlackBerry or Cell Phone

BUS GPS FEATURES HELP DOCUMENT DRIVER PERFORMANCE:

- Did the driver stop at the 4-way stop signs?
- Did the driver stay on route or wander all over the place?
- Did the driver make personal trips in the bus?
- Does the driver speed on certain roads?
- Does the driver stop at all railroad crossings?

BUS GPS FEATURES HELP VERIFY OR DISPROVE PARENT CLAIMS:

- The bus was too early and my child missed it.
- The bus was too late and my child missed it.
- My child got on the bus at school, but never got off.
- The bus did not stop at our stop.

PROFESSIONAL VIDEO GATEWAY FOR MOBILE APPLICATIONS:

- Cellular and wireless technologies to stream high quality live or recorded video from vehicles to remote client devices.
- Full GPS support allows remote users to locate and track vehicles in real time.
- Wi-Fi wireless module permits access and download of video files.

OUR PROMISE

- Our products have been tested over time and carry a solid 5 years warranty.
- Our goal is not to just sell products, but to offer peace of mind that you're getting an exceptional product.
- When you do business with us, you will be impressed with our "yes we can" attitude.
- We live up to our commitments.



DRIVER BEHAVIORS WATCH

- Bus driver driving habits monitoring
- Over speeding
- Dangerous turning
- Distance between two vehicles
- Use of mobile while driving





Depart from Home



Bus Inside View



Bus Driver Front View



Bus Tracking on Map



Touch Screen for Panic Button





5 Years
Warranty
on DVR



Send a Confirmation Message to Parents



5

Depart from School



Send a Confirmation Message to Parents

Arrived at Home



Send a Confirmation Message to School Server

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OUR SECURITY SYSTEMS COMPRISE TWO MAIN COMPONENTS:

Video Gateways: Powerful, standalone and highly modular servers that are installed on-site and are compatible with standard CCTV equipment. These units combine full featured DVR functionality with state-of-the-art compression and transmission capabilities. A range of models that are optimized for a variety of applications and environments, including large industrial sites, smaller commercial and residential locations, and moving platforms, is available.

Client Applications: Software that is installed on third-party devices - such as desktop or laptop PCs, smart phones and tablets - and is used to download and play live and recorded video from video gateways.

Connections between video gateways and client applications can be established through a variety of types of IP-based networks - the Internet, cellular networks, LANs, and WLANs - using cable/DSL lines, cellular modems, or standard telephone lines (dial-up modems or ISDN).



ALL SECURITY SYSTEMS FEATURE:

- Exceptionally low bandwidth usage for high-quality video transmission
- Video transmission over IP networks
- Remote viewing of live and recorded video via client applications running on PCs, PDAs, and cellular phones
- Integration of input sensors and output activation sensors
- Event detection via built-in Video Motion Detection (VMD), input sensor, or internal video-lost sensor
- Event notifications via e-mail, SMS, or pop-up alarm
- Remote Pan-Tilt-Zoom (PTZ) control, even from smartphones
- Full integration of audio and video
- Minimal disk usage for recorded video
- Large-capacity hard drive for local storage of recorded video (most models)
- Downloading of video for storage on remote PCs

VIDEO GATEWAYS FOR LARGE VEHICLES

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TECHNICAL SPECIFICATIONS*

VIDEO INPUT	Standard No. of video channels Resolution	PAL/NTSC 4 channels, 8 channels VGA: 640x480(VGA), 320x240(QVGA), 160x120(QSIF)
GPS	-	Internal 12-channel GPS module
POWER	Voltage input	10-40V DC
WEIGHT	4 channel: 2 kg; 4.4 lbs; 8 channel: 4 kg; 8.8 lbs	



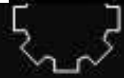


5 Years
Warranty
on DVR

BASS MD-500

**WEATHER-RESISTANT, VANDAL-RESISTANT
IR DOME CAMERA**

The BASS-500 Series IR dome cameras are weather-resistant, vandal-resistant and auto activating. A perfect camera for rugged mobile video applications, this small camera comes with a built-in microphone, hook-up cable and 5 X 23 PCS built-in IR LEDs for day or night imaging. Various lens options are available. Cameras install and adjust quickly and easily.



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SPECIAL FEATURES

- Available in both 420 TVL and 480 TVL
- Wide selection of lenses - Varifocal 4-9mm or Fixed 2.5mm, 4mm, 12m m
- Build-in high gain microphone (standard) with volume adjustable potentiometer
- IR range up to 50 feet
- Easily accessible exterior focus adjustment for varifocal lens
- Hook up cable included
- 5 X 23 PCS built-in IR LEDs

SPECIFICATIONS

Image Sensor	1/3" Sony HAD Ex View CCD
S/N Ratio	48dB (AGC On)
Resolution	420 TVL or 480 TVL
Video Output	1.0 Vp-p (75 Ohms, Composite)
Audio Output	2Vp-p
Lens	Fixed or Variable
Sensitivity	0 Lux with F1.2 (with IR LED)
Shutter Speed	1/50 - 100,000 Seconds
White Balance	Auto
AGC	Auto
IR LED Sensor	850nm



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MODELS AVAILABLE

- BASS-500** - High Resolution 480 TVL, 4-9mm Varifocal Lens
- BASS-501** - Standard Resolution 420 TVL with 4-9mm Varifocal Lens
- BASS-502** - High Resolution 480 TVL with 2.5mm Fixed Lens
- BASS-503** - Standard Resolution 420 TVL with 2.5mm Fixed Lens
- BASS-504** - High Resolution 480 TVL with 4mm Fixed Lens
- BASS-505** - Standard Resolution 420 TVL with 4mm Fixed Lens
- BASS-506** - High Resolution 480 TVL with 12mm Fixed Lens
- BASS-507** - Standard Resolution 420 TVL with 12mm Fixed Lens





**Police Vehicle
Monitoring & Tracking**

**Ambulance
Monitoring & Tracking**

**Bank Cash Van
Monitoring & Tracking**

**Metro Rail
Monitoring & Tracking**

**Emergency Vehicle
Monitoring & Tracking**



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