

247 SECURITY

SCHOOL BUS

digital video
surveillance
systems

DVR'S



500 SERIES

2-4 CHANNELS

School Bus
Mobile
Digital
Video
Recorder

PRODUCT OVERVIEW

The **500Series** is 247Security's latest generation of Digital Video Recorders, designed exclusively for school bus applications.

Packed with **VIDEO+PLUS** technology and more user friendly features than early generation DVRs, the **500Series** offers you exceptional quality in a light & compact package.

Retrieving a specific recorded event is a quick few mouse clicks away, using our complimentary DVR software. There is no need to purchase expensive docking hardware or extra viewing software.

With greater value and more options than ever, 247Security offers more than just a video system. With 247Security **VIDEO+PLUS**, you get a total, easy-to-use, all-in-one information management solution.

NEW FEATURES INCLUDE:

- ▶ No ventilation fan, for cleaner operation
- ▶ Optional built-in WiFi & RF900 Modem to connect with our **HandsFREE** wireless data transfer application.
- ▶ GPS-enabled to work with 247Security's **MiniTRACK & VideoTRACK** applications, allowing you to review the path of the bus, speeding, idling, stops, and more.
- ▶ New camera options, including our **ShieldCAM**, expand the range of your training and incident review capabilities.

HIGHLIGHTS

- USB 2.0 Flash Memory, makes video transfer simple and lightning fast
- Audio Channel for each Video Channel
- No ventilation fan, prevents dust build-up, for cleaner operation
- Removable 2.5" hard drive, instant USB 2.0 Plug & Play
- No extra office hardware or software required for playback
- Event-Marking Button for easy event reviewing
- MPEG4 Compression for better storage capacity
- Input Sensors for lights, brakes, doors, etc.
- 720x480 recording resolution for crystal clear images on all channels
- GPS-ready for recording speed & location data
- Low power consumption means cooler operation
- Snap Connectors and small footprint makes installation easy

mDVR
500
SERIES

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247 SECURITY

247Security Inc.
4400 North Point Parkway, Suite # 158
Alpharetta, GA, 30022 USA

Toll-Free: 1-866-693-7492
Fax: 404-538-8828
Internet: www.247securityinc.com

500 SERIES

School Bus Mobile Digital Video Recorder

PRODUCT SPECIFICATIONS

Video Recording Resolution:	Each channel can be set at D1 (720x480) or CIF (360X240) independent of other channels.
Video Compression:	MPEG4 compression, 4 levels for video quality
Video Recording Frame Rate:	Channels can independently be set to record from 1fps to 30fps at D1 or CIF. <i>All channels can record simultaneously at 30fps with D1 (720x480) resolution</i>
Video recording channels:	2 or 4 channels, 30fps/channel
Power Requirement:	Requires less than 12W Normal Operating Voltage range: 8V – 24V Abnormal Operating Voltage: 6V to +28V for up to 10s Over and under voltage protection, system draws less than 24ma when off
Audio Recording Channels:	2/4 audio channels; Camera has built-in noise-reduction microphone One audio recording channel synchronized to each video recording channel
Camera connection:	Video/Audio/Power on one cable, with locking mechanism
Internal Hard Drive:	Small, Rugged, Hot-Swap Removable (USB. 2.0), Built-in heater, 80 to 500 GB (2.5" mobile hard drive)
Wireless Networking Option:	WLAN 802.11g/n , RF900 Modem
Industrial Standard Interfaces:	Two 10/100 Base-T on two RJ45 ports, one RS232/GPS, one RS232, one USB 2.0 port, Digital Inputs
GPS Option:	GPS module connected to DVR with one cable, up to 40' in length GPS data can be logged for over 15 years
Working temperature:	-30°C to +55°C / -22°F to +131°F
Mounting:	Vertical, Horizontal, or Oblique
Housing dimensions:	19.4 cm x 17.6 cm x 5.1 cm / 7.64" x 6.90" x 2.0"
Weight:	1.3kg / 2.8 lbs.

**High Resolution, Real-Time Recording
(720x480, 30fps) on ALL CHANNELS.**



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