
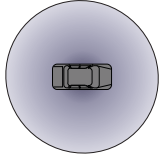

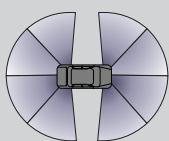

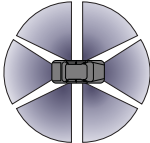

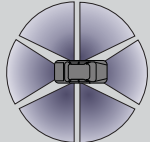

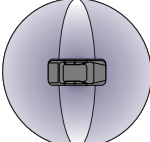


GeoView Immersive Video Systems

Capture Systems

GeoView combines a powerful suite of immersive video software tools with flexible camera and hardware configurations, providing end users with the ability to tailor solutions to meet each unique set of real world mission requirements.

Description	Configuration	Laptop	DVR	Coverage Pattern
GeoView NTSC 360 8 NTSC cameras in a 360° weatherproof sensor Video server (with Laptop configuration) Solid state capture drive AC/DC power connections Microphone GPS		✓	✓	Panoramic 
GeoView NTSC Dual Pod 4 NTSC cameras in each panoramic pod Video server (with Laptop configuration) Solid state capture drive AC/DC power connections Microphone GPS		✓	✓	Panoramic 
GeoView NTSC DVS 8 individual NTSC cameras (EO, IR) · iMove or user supplied Video server (with Laptop configuration) Solid state capture drive AC/DC power connections Microphone GPS		✓	✓	Distributed (DVS) 
GeoView IP DVS Up to 8 COTS IP Cameras · iMove or user supplied Video Switch Solid state capture drive AC/DC power connections Microphone GPS		✓		Distributed (DVS) 
GeoView 3000-LB3 6 2MP cameras in a weatherproof spherical sensor Solid state capture drive AC/DC power connections Microphone GPS		✓		Spherical 

iMove Immersive Video Software Tools

- GeoCapture Immersive Video Acquisition Software
- Captured immersive video compatible with iMove exploitation tools
- GeoEditor: Fully featured immersive video editing and annotation software. Export immersive video clips, avi flat video files, or jpegs
- GeoMap Extensions: Integration into popular GIS applications (Google Earth, ESRI, Falcon View, RaptorX, AutoDesk)
- GeoViewer: Freely distributed immersive video viewing software
- Archive and serving API tool set
- Web-based low-bandwidth delivery with GIS

GeoView Immersive Video Systems

Capture System Features

Key Features of GeoView Immersive Video Systems

- ✓ **Single Pass Capture:** Geo-referenced immersive video, up to 360° x 360°, in a single pass
- ✓ **Multi-INT Real-Time Data Fusion:** Integrate multiple SIGINT metadata streams into immersive video
- ✓ **Real-Time Viewing:** View streaming immersive video on cell phones and other portable devices
- ✓ **GIS Integration:** Integrated with leading GIS applications
- ✓ **Full Video Playback controls:** Play, rewind, fast-forward, pause, and step through immersive video
- ✓ **Interactivity:** Generate hotspots, text notes, jpeg, avi and other information into immersive video
- ✓ **No Post-Processing:** Immersive video is immediately available to view and distribute
- ✓ **Publish Intelligence Products:** Export selected immersive video clips, avi flat video files, or jpegs



DVR Capture Systems

- Cameras
 - 1 to 8 cameras
 - Compatible with any NTSC or PAL Camera, or several iMove capture sensors
 - Frame rate typ 7.5 FPS (Sensor dependent)
- Internal GPS
- Audio channel (Voice activated)
- Storage
 - Internal solid state drive for OS and application software
 - External solid state video storage (128 GB, ~15 hours)
 - User configurable operation
 - Fill the drive and stop
 - Fixed duration files with over write (e.g. circular buffer)
- User Interface Options
 - No UI (Records on power-up)
 - Low profile UI (Simple switch(s) for custom applications)
 - Full feature UI (Monitor, Mouse, and Keyboard)
- Power input 9-30 VDC @ 45 Watts
- Vehicle rugged COTS DVR



DVR with GPS antenna and solid state capture drive

Laptop Capture Systems

- Cameras
 - 1 to 8 cameras
 - Compatible with IP, NTSC/ PAL Cameras, or several iMove capture sensors
 - Frame Rate typ 7.5 FPS (Sensor dependent)
 - High-resolution inserts (shown above)
- External GPS
- Audio channel (Voice activated)
- Storage
 - Internal solid state drive for OS and application software
 - External solid state video Storage (128 GB, 4-15 hours)
 - User configurable operation
- User Interface
 - Full feature UI (Monitor, Mouse, and Keyboard)
- Power input 9-30 VDC (power dependent on configuration)
- Vehicle rugged COTS laptop



GeoView 3000-LB3 capture system with laptop, GPS and solid state capture drive