

# Real-Time Situational Awareness for ISR and Military Vehicles

## Rapidly Configure Any Vehicle with 360° Vision

GeoView Tactical Immersive Video System combines a ruggedized platform with a powerful suite of software tools which enable processing, archiving, managing and disseminating immersive video and metadata sources for live and recorded video exploitation.

- ✓ In-vehicle real-time view for increased vehicle and personnel safety
- ✓ Off-vehicle real-time streaming for operation centers and dismounted mobile viewing
- ✓ Real-time fusion with SIGINT sources for enhanced information value
- ✓ Single pass, full area capture with no operator involvement for improved mission focus
- ✓ Optional audio and video marking during collect for enhanced information value
- ✓ Video format options (JPEG, AVI) for ease of integration in third party applications
- ✓ Geo-referenced, no post-processing needed for immediate exploitation in GIS applications
- ✓ Metadata format options for interoperability and expansion

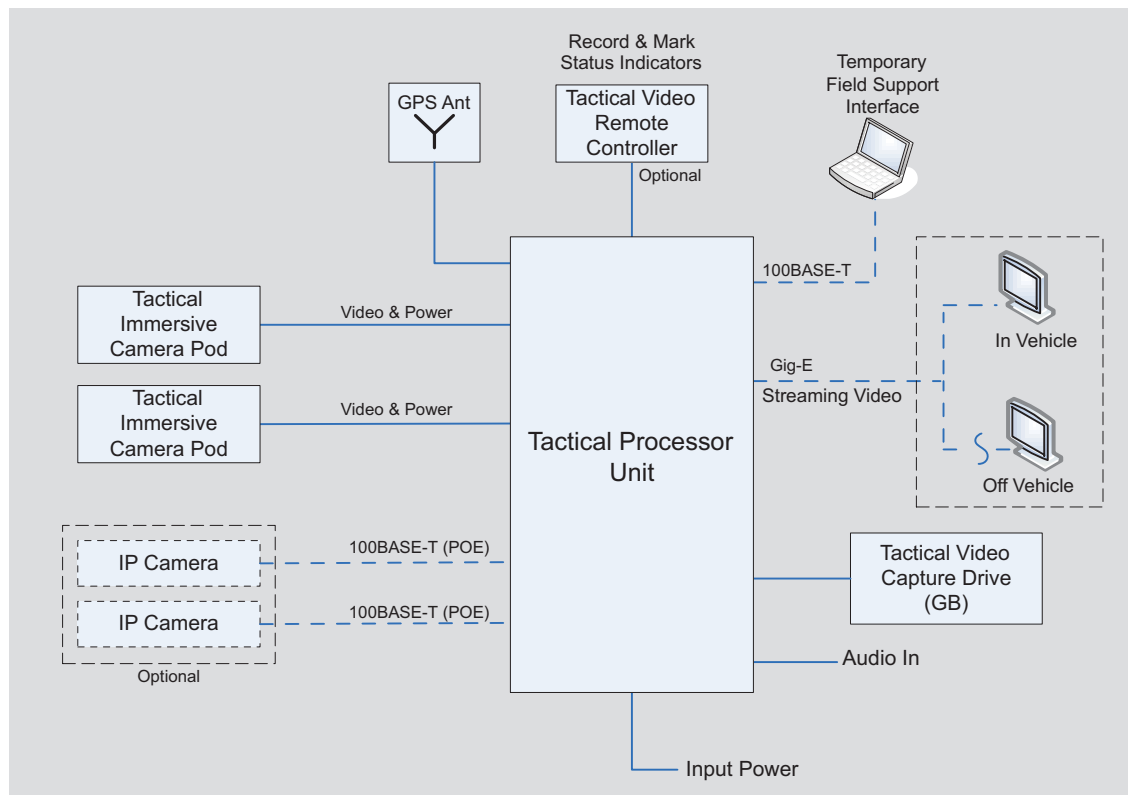
### GEOVIEW TACTICAL IMMERSIVE VIDEO SYSTEM

Multiple camera pods offer flexible placement so that any vehicle can be rapidly outfitted with immersive coverage

A quick-reaction, ruggedized, COTS, small footprint platform conditioned for military environments



# GeoView Tactical Immersive Video System



## SPECIFICATION OVERVIEW

### GeoView Tactical Immersive Camera Pod

- 4 NTSC Camera Pod, 2 Pods for 360° coverage
- Panoramic Field of View: 190°x 39° per Pod
- Down look Angle: 5°
- Frame Rate: 7.5-10 fps
- Operating Temperature: -20°C to 60°C
- Storage Temperature: -20°C to 85°C
- Housing: Ruggedized, aluminum, sealed for dust & rain
- Factory calibrated
- Mounting: 5 x ¼-20 blind-tapped holes
- Optionally available with low light, black/white or IR Cameras (with alternate housing)

### GeoView IP Camera (optional)

- 1 or 2 IP cameras for high resolution area coverage or to avoid mounting obstacles
- Frame Rate: 7.5-10 fps
- Operating Temperature: -20°C to 60°C
- Housing: Ruggedized, aluminum, sealed for dust & rain
- Mounting: 4 x ¼-20 blind-tapped holes

### GeoView Tactical Processor Unit

- Power: 10-32VDC, 50W
- Operating Temperature: -20°C to 65°C
- Storage Temperature: -20°C to 85°C
- Controls: Power on/off, Record and Mark buttons
- Indicators: Ready, Record and Disk Full
- Housing: Ruggedized, aluminum, sealed for dust & rain
- Mounting: 19" rack mountable (3RU) with mounting holes
- Windows Embedded Standard Operating System
- Supports RemoteDesktop for system configuration and diagnosis
- Audio input accepts Mic or Line In
- Dual PoE Ethernet ports for IP Cameras
- GigE Ethernet port for streaming immersive video to external devices
- 10/100 Ethernet port for configuration and service
- SMA connector for GPS antenna connection
- USB 2.0 port for external video capture drive connection

### GeoView Tactical Remote Controller

- Controls: Record and Mark buttons
- Indicators: Ready, Record and Disk Full
- Operating Temperature: -20°C to 65°C
- Storage Temperature: -20°C to 85°C
- Housing: Ruggedized aluminum, sealed for dust & rain

### GeoView Tactical Video Capture Drive

- 128 GB Solid State Drive
- Capacity: 24 hours of immersive video (typical, depending on configuration)
- Operation: Fill and stop, or overwrite loop mode
- Operating Temperature: -20°C to 65°C
- Storage Temperature: -20°C to 85°C
- Housing: Ruggedized, aluminum, sealed for dust & rain
- Mounting: Single or Dual slide-in drive mount
- Standard USB 2.0 interface and connector
- Optional Network storage mode available

**Look Everywhere, See Everything, All the Time™**