

# SPARTIN™ INTELLIGENCE MANAGEMENT SERVER (IMS)

## Rugged Portable/Deployable Server

The SPARTIN IMS is a powerful three-screen portable/deployable server, designed for ground and marine operations.

### PRODUCT DESCRIPTION

VideoScout is a family of video processing, exploitation, dissemination (PED), and management systems designed to capture, display, exploit, disseminate and manage critical video intelligence from a variety of manned and unmanned sensors. The SPARTIN IMS further expands the VideoScout family of systems by providing users with an environmentally protected, portable management server designated for ground and maritime operations.

The SPARTIN IMS is a powerful three-screen deployable server. An Intel® Xeon® D-2183IT processor, up to 512 GB of RAM and 25TB of SSD storage, allows the VS SPARTIN IMS to process and display tactical data in real time for C4ISR, GIS and Geospatial operations.

With room for an Nvidia® P4000 desktop graphics card, and another ¾ length PCIe expansion slot, the SPARTIN IMS is the most powerful computer in its class.

The SPARTIN IMS product is packaged with the VideoScout PED management software, VideoScout-Insyte. With sufficient computer performance, this software enables users to capture 20+

simultaneous video feeds, each with its own 7-day digital video recorder (DVR) buffer. It also supports data archiving, along with immediate search, retrieval, exploitation and dissemination of captured video and/or associated imagery.

VideoScout-Insyte is a Microsoft® Windows™ based application, which facilitates easy integration into existing C4ISR systems and intelligence networks. This ability to easily exploit, manage and disseminate data from multiple sources facilitates pre-mission planning, mission execution and post-mission analysis. Users can pause, zoom, DVR, step back, and annotate video clips and images in near-real-time or on recorded video while recording voice from the user or external radios to support mission planning, execution and post-mission analysis. Video and metadata are also stored and indexed automatically for subsequent search and retrieval. Warfighters can create geo-location smart video by synchronizing metadata and video with applications such as FalconView® maps or Google Earth™ from within VS-CM3 or via an Ethernet connection to Google Earth™ imagery.



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Supports 20+  
Simultaneous Video Feeds,  
Each With a 7-Day Buffer

### KEY FEATURES

- > Three 17" HD displays with HDMI mirroring of all screens
- > Intel® Xeon® Processor D-2183IT, 16 cores, 32 threads, 22 MB cache, 3 GHz max, 2.2 GHz base
- > Eight LAN ports (4 x 10G, 4 x 1G + IPMI)
- > Up to four removable drives



## SPECIFICATIONS

### PHYSICAL

- > Motherboard: Intel® Xeon Industrial
- > CPU: Intel Xeon D-2183IT, 16 Cores, 32 Threads, 22 MB Cache, 3 GHz max, 2.2 GHz base
- > RAM: 16 GB to 512 GB
- > Ethernet: Dual LAN with 10G SFP+LAN via SoC (Fiber)  
Dual LAN with 10Gbase-T (RJ45)  
Quad LAN with Intel® Ethernet Controller I350-AM4 (RJ45)
- > USB: 2 x USB 3.0, 2 x USB 2.0
- > Drives: Boot Drive NVMe (option)  
Four 2.5 inch SSD drives in removable canisters
- > Video Card: Nvidia® Quadro P4000 2 GB (option)
- > CAC Reader: Integrated (Mil only, option)
- > Power Supply: 240W External
- > Dimensions: 18.2" x 15" x 11.75" (stowed)
- > Weight: ~22 lbs (varies according to configuration)

### ENVIRONMENTAL

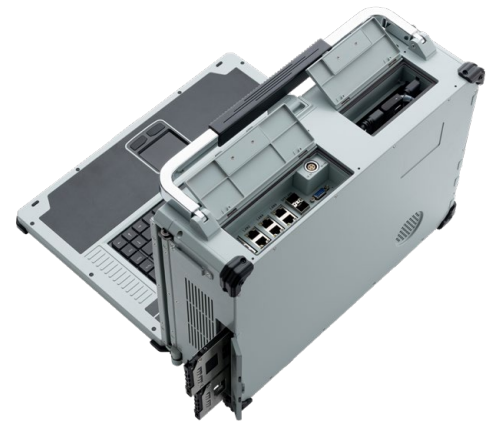
- > Temperature (Operating): MIL-STD-810G, Method 501.5, 502.5, 0°C to +40°C
- > Temperature (Storage): MIL-STD-810G, Method 501.5, 502.5, -25°C to +70°C
- > Cooling: Filtered forced air
- > Humidity: MIL-STD-810G, Method 507.5, 20% to 90% non-condensing
- > Vibration (Operating): MIL-STD-810G, Method 514.6, 10 to 500 Hz 0.4g (RMS)
- > Vibration (Non-Operating): MIL-STD-810G, Method 514.6, 10 to 500 Hz 1.12g (RMS)
- > Shock (Operating): MIL-STD-810G, Method 516.6, 15g, 8 ms, ½ sine
- > Shock (Non-Operating): MIL-STD-810G, Method 516.6, 40g, 8 ms, ½ sine
- > Drop (Non-Operating): 4 inches
- > Shock (Shipboard): MIL-DTL-901E, Lightweight shock, Class B



Deployed



Stowed



Keyboard Deployed

### SPARTIN Intelligence Management Server (IMS) (PN: 700-7200-001)

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