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SPARTIN™-IMS

Rugged Portable/Deployable Server

The SPARTIN-Intelligence Management Server (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, 128 GB of RAM, 2 TB solid-state boot drive, and 2 TB storage drive, allows the SPARTIN-IMS to process and display tactical data in real time for C4ISR, GIS and geospatial operations.

With an Nvidia® RTX-A4000 graphics card and a 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.

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

KEY FEATURES

> Three 17" HD displays, each with HDMI screen mirroring
> Intel Xeon processor D-2183IT, 16 cores, 32 threads, 2.2 GB cache
> 128 GB DDR4 RAM
> 2 TB solid-state boot drive
> 2 TB solid-state storage drive
> Nvidia RTX-A4000 graphics card
> Eight LAN ports (4 x 10G, 4 x 1G + IPMI)

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SPECIFICATIONS

PHYSICAL

> Display: 3 x 17.3" HD; 1920 x 1080, each with HDMI screen mirroring

> CPU: Intel Xeon D-2183IT

> Memory: 128 GB, DDR4 RAM

> Graphics Card: Nvidia RTX-A4000

> Drives: Boot: 2TB
Storage: 2TB

> Slots: 1x PCIe 3.0/2.0 x 16 (x16) graphics card
1x PCIe 3.0/2.0 x8 (x8) 1553 card

> Ports: 4x RJ45 GB LAN
2x RJ45 10Gbase T LAN
2x SFP+ 10G LAN
2x USB 3.0
2x USB 2.0
CAC Card Reader
Serial (9 pin D-sub)

> Power Supply: 240W External

> Dimensions: 13.7" H x 17.3" W x 6.1" D (Stowed)

> Weight: 30.9 lbs

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, -20°C to +60°C

> Cooling: Filtered forced air

> Humidity: MIL STD 810G, Method 514.6, 10 to 500 Hz, 0.4g (RMS)

> 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

> Shock (Shipboard): MIL-DTL-901E, Lightweight shock, Class B

> Drop (Non-Operating): 4 inches

Deployed

Stowed

Keyboard Deployed

L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security. Visit L3Harris.com for more information.

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