Central Management Server

Aventura's Central Management Server manages and controls Aventura and third party video encoding and decoding devices through a single platform.

The CMS-Series server provides centralized management for an Aventura surveillance and security network. The server maintains a database of system events, including but not limited to user actions, system errors, alarms, and system events.

By using the system's centralized user and group management feature, administrators can control access and privileges throughout the system from a single location. Users and groups can also be managed using the CMS-Series server in conjunction with an Active Directory server. Permissions can be configured for all system functions, as well as on a per-camera basis for both live-viewing and recording.

Useful data can be pushed out to clients on login. Cameras from multiple DVR servers can be aggregated and presented to clients as a single, unified list of cameras. Global display groups can be created in order to give users pre-made logical camera groups for easy, one-click viewing. E-Map configuration data can be distributed, along with alarm information and more.

The CMS-Series server has a redundant power supply with audible alarm, so if there is a power supply failure the unit will continue to operate while a new power supply is installed. The power supplies are hot-swappable while the unit is operating providing that one of the power supplies is installed and powered on at all times.

For additional redundancy, the CMS-Series server can be configured to run in a pair with another CMS-Series server, with one of the servers being designated the primary server. In the event of total failure of the primary server the secondary server would immediately take over, allowing for seamless continuity for users and administration.

- Monitor & Control a Video Security Network through a Single Platform
- Centralized User & Group Management
- Camera Aggregation
- Global Display Groups
- Centralized Event Logging

SYSTEM

Motherboard & Chipset	Intel Supermicro X7SB4
CPU	Intel Q8300 Core 2 Quad 2.5 GHz
RAM	4GB DDR2
Storage	4 TB Hot Swappable
Video Display	32MB ATI ES1000
OS	Windows 7 Ultimate
Chassis Type	1U Rackmount
Removable Media	DVD-RW
Mouse	Laser/USB
Keyboard	106-Key/USB
LAN	Dual 10/100/1000 Base-T Ethernet

HARDWARE

Size	1U Chassis 26" x 16.9" x 1.7"
Weight	35 lbs
Power Supply	Redundant Max. 650 W, 90 ~ 264 V (47 Hz ~ 65 Hz)
Power	110/220 VAC, 60/50 Hz (non condensing) at 40°C
Operating Temperature	40°F ~ 100°F

STANDARD

Safety Standards	EN60950, UL1459

APPROVALS

EMC Standards	EN55022 Class-B, EN50082-1
FCC	Part 15 Class-B, VCCI Class-2

Warranty

1 Year