Great Dane Series – Super converged Video Server

GREAT DANE

The Great Dane is a unique Super Converged Video Server appliance, the only one in its class within the storage industry offering the Super Converged capabilities at an industry leading price performance ratio.

Super converged Video Server and Ultra Density Storage

Great Dane combines High performance recording, high capacity storage and Hardware decoding into a single enclosure, which is an industry First. The High-performance recording server supports up to 900 cameras (15fps-4MP), unsurpassed storage capacity of up to 5.63PB per unit and the built-in latest hardware decoding technology allows for Playback on multiple displays.

Fibrenetix' s proven track-record of reliability and optimized video performance are visible in every aspect of the Great Dane series.

The INTEL HD 630 hardware decoder offers continues playback while recoding without any frame loss or degradation of CPU performance.

Fibrenetix' s unique video optimization technology, ensures that up to 900 cameras can record on the built-in hard disks and/or to the direct attached Ultra Dense JBODs.

The Great Dane's power consumption as well as the cooling (air conditioning) requirements have been optimized to ensure a low COO (cost of ownership). The Great Dane Video Server can be ordered with pre-installed Milestone VMS (Xprotect Expert or Corporate versions). However, it is a true open platform VMS-agnostic product thereby giving the end user complete flexibility in choosing the VMS of their choice, the supported camera counts and storage capacity being considerably higher on the Great Dane.

The Great Dane series of Video Server comes installed with Windows 10 PRO as standard, offering an easy and manageable interface for users.

Ideal for:

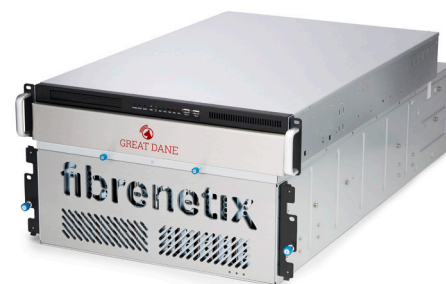Hotels, Schools, Malls, Banks, Buildings, Hospitals, Factories etc.

Great Dane Series

GREAT DANE

JBOD EXPANSION

SUPER CONVERGED VIDEO SERVER

Performance inprovement

- 800+ Mbps
- 2U and 3U Form Factor
- 30% More cameras than the competition
- 30% Less Power consumption
- 30% Less Cooling requirement

Mbps 800+ | 30% MORE CAMERAS | 30% LESS POWER | 30% LESS COOLING

Feature Overview

- Up to 120 days recording capacity with 290 cameras Full HD resolution (30FPS, 20% Motion Detection, 4MP) and 900 cameras Full HD resolution (15FPS, Continuous Recording, 4MP)
- 5.63PB raw maximum usable storage using RAID 6
- On-board Intel HD 630 graphic hardware decoder, no processor resources lost for Playback
- Dedicated Fibrenetix RAID IO controller for optimized video streaming and Storage scalability
- Offers true high camera count video recording without data loss
- Support of up to 256x Hard Disks via SAS JBOD expansion
- 3-year warranty
- 10-year spare part availability Guarantee
- Industry leading quality and reliability
- Best price performance ratio in industry today
- Designed and manufactured in Denmark

IO PANEL with 4 display port - dual LAN ports - Audio IN/OUT - SAS Expander

DUAL SSD
for OS and APPS

HOT-SWAP HARD DRIVERS

Great Dane Series

Combines Video Server with Storage Scalability

Technical Specifications

Product Category	GD-862-XX	GD1662-XX
Processor	CPU Xeon E-23xx series	
Memory (Min|Max)	8GB, up to 128GB	
OS Storage (internal 2.5")	2x 240GB Enterprise Class SSD	
Video Storage	176	352
Storage Bays/(JBOD Expansion)	8/ (256)	16/ (256)
Max Capacity - SAS	5.63PB	
Max Capacity - Per IP San Controler	11.26PB	
Maximum Recording Rate	750Mbps	1600Mbps
RAID Level Support	5, 6, 10, 50 & 60	
Hot-Swap Components	HDDs, PSUs	
Drive Type	Enterprise Class Surveillance (24/7)	
Maximum HDD Capacity	22TB	
SATA/SAS Support	Yes	
Networking	2x Dual Port Gigabit LAN Controller 10Gbps Network Adapter Optional	
I/O Ports	USB3.0 x 2	
Operating System	Windows 10, Windows Server 2016/ Windows server 2019	
Power Supply	2 X 550Watts as Standard / support for 2 x 800Wats	
Voltage	110-240v 50/60Hz	
Dimensions – mm (D x W x H)	660 x 448 x 87.5mm	845 x 595 x 267mm
Net Weight (HDDs not included)	16.56 Kgs	21.03 Kgs
Environment	Operation temperature: 0°C ~ 45°C Non-operation temperature: -40°C ~ 70°C	
Relative Humidity (%)	Non-operation humidity: 20% ~ 95% (Non-condensing)	
Accessories	2x Power Cord, Warranty Card, Quick-User Guide	
Certification	BSMI, CE, FCC(Class A)	
Warranty Period	3 Years	
BTU/hr	2,735.36	

Specifications are subject to change, without prior notice.