GD-862 NVR Series – Super converged NVR

GREAT DANE

The Great Dane is a unique Super Converged NVR 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 NVR 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 upto 900 cameras, unsurpassed storage capacity of up to 2.5PB per unit and the built-in latest hardware decoding technology allows for Play Back 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 loss 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 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 NVRs 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 NVRs comes installed with Windows 10 PRO as standard, offering an easy and manageable interface for users.

NAS (Network Attached Storage) – Great Dane can also function as a NAS device for large CCT V installations when ordered with the optional Windows 2012 R2 operating system.

Ideal for:

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

GD-862 NVR Series

GREAT DANE

JBOD EXPANSION
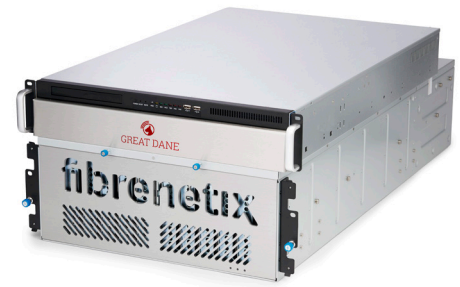
SUPER CONVERGED NVR

Performance inprovement

| Mbps 800+ | 2U | 30% MORE CAMERAS | 30% LESS POWER | 30% LESS COOLING |

Feature Overview

■ Up to 120 days recording capacity with Full HD, 25FPS and 500 Camera.

■ 2.5PB raw or 2PB net 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

fibrenetix

Combines NVR with Storage Scalability

Technical Specifications

General	GD-862-32&48	GD-862-64,80&96
Maximum number of cameras	512	>800
Add-on camera licenses	Individually	
NVR-Server-playback-storage	YES	YES
Multi-unit - centrally managed	Yes - unlimited	Yes - unlimited
VMS pre-loaded (Milestone version)	Xprotect expert and Corp.	Xprotect expert and Corp.
Hardware warranty	3 years	3 years
Formfactor	2U Rack-mounted	2U Rack-mounted
Dimensions	43(W) 74(D) x 8.8(H) cm	43(W) 74(D) x 8.8(H) cm

Storage System		
Video storage system options	32TB & 48TB	64TB, 80TB & 96TB
Scalability (JBOD expasion)	2500TB (2.5PB)	2500TB (2.5PB)
MAX recording rate	750Mbit/s	1600M/bits
RAID levels support (all storage)	5,6, 10, 50 & 60	5,6, 10, 50 & 60
Hot spare	Global and Local	Global and Local
Total amount of drives in NVR/(JBOD)	8/(256)	8/(256)
Drive type	Enterprise class surveillance (24/7)	Enterprise class surveillance (24/7)

Computer system		
CPU	INTEL Xeon E3-Gen 6	INTEL Xeon E3-Gen 6
Passmark	8453	10196
Memory standard/(upgradeable)	16/256GB	16/256GB
OS storage	>150GB enterprise class SSD	>150GB enterprise class SSD
Display ports x 4	VGA, DVI, HDMI, Display port	VGA, DVI, HDMI, Display port

Milestone VMS		
Camera license	Xprotect - 0	Xprotect - 0
VMS license portabilty	YES	YES
Recording server	YES	YES
Management Server	YES	YES
Remote viewing and playback (hardware decoding)	YES	YES

Power supply		
Power input	110~240v 50/60 Hz, 250w	110~240v 50/60 Hz, 250w
Max power in (watts)	800w	800w

fibrenetix